




COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

Bureau of Highway Safety & Traffic Engineering



**HANDBOOK
OF
APPROVED
SIGNS**

PUBLICATION 236M

PUB 236M (1-06)

INTRODUCTION

In accordance with Title 67, Pennsylvania Code, Section 212.12, this handbook contains design and application details for official traffic signs approved for use in the Commonwealth of Pennsylvania. Both Metric and English dimensioning are provided with English dimensions included within parentheses.

Publication 236M is separated into three parts. These parts were created to make it more convenient to bind and maintain this handbook. Although this handbook has been separated into three parts, it shall be referred to as one publication.

A blank approval date in the index indicates that the sign has not been revised since its inclusion in the original 2006 version of Publication 236M. Signs issued in subsequent changes to this publication will be given a date, and this date will be included in the index.

For word messages, only the overall length and placement of characters are shown. Spacing charts from either Department Publication 111M or the Federal Standard Alphabets for Highway Signs may be used to determine the individual spacing between letters. Where spacing between individual letters has been reduced or increased, this change is noted by an asterisk on the sign layout dimension detail and the percentage change is noted below.

For symbol messages, the overall height, width and placement on sign are shown. Exact details of the symbol shall be as shown in the current edition of FHWA's Standard Highway Signs Manual. The symbol may be proportionally enlarged to the desired size. When the symbol is not part of FHWA's Standard Highway Signs Manual, the Department, upon request, will provide the detail which can be enlarged or reduced to the desired size.

The Standard Arrow detail is included in Part III of this Publication.

BUREAU OF HIGHWAY SAFETY AND TRAFFIC ENGINEERING
Publication 236M
Handbook of Approved Signs

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Standard Arrow

NOMENCLATURE INDEX
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PUBLICATION 236M
SIGN INDEX IN NOMENCLATURE ORDER

NOMENCLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
		600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R 1-1	STOP	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R 1-1A	RIGHT LANE KEEP MOVING	600 x 750 (24" x 30")	750 x 900 (30" x 36")			
R 1-1-1	EXCEPT RIGHT TURN	600 x 750 (24" x 30")				
R 1-1-2	RAMP	900 x 450 (36" x 18")	1200 x 600 (48" x 24")			
R 1-1-3	RAMP STOP	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")			
R 1-1-4	RAMP YIELD	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")			
R 1-2	YIELD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")		
R 1-2A	TO ONCOMING TRAFFIC (for R 1-2)	600 x 450 (24" x 18")				
R 1-3	MULTIWAY STOP (for R 1-1)	300 x 150 (12" x 6")				
R 1-4	MULTIWAY STOP (for R 1-1) (ALLWAY)	450 x 150 (18" x 6")				
R 1-4-1	STOP SIGN REMOVED FROM SIDE STREET	450 x 600 (18" x 24")				
R 1-5L	YIELD HERE TO PEDESTRIAN WITH LEFT ARROW	450 x 450 (18" x 18")				
R 1-5R	YIELD HERE TO PEDESTRIAN WITH RIGHT ARROW	450 x 450 (18" x 18")				
R 1-6	IN - STREET PEDESTRIAN CROSSING	300 x 900 (12" x 36")				
R 2-1	SPEED LIMIT	600 x 750 (24" x 30")	750 x 900 (30" x 36")	1200 x 1500 (48" x 60")		
R 2-2	TRUCK & BUS PLAQUE	600 x 600 (24" x 24")	900 x 600 (36" x 24")	1200 x 900 (48" x 36")		
R 2-2-1	TRUCKS OVER () LBS. SPEED	750 x 900 (30" x 36")	900 x 1200 (36" x 48")			
R 2-2-2	WORK ZONE SPEED LIMIT	600 x 900 (24" x 36")	900 x 1350 (36" x 54")	900 x 1500 (36" x 60")		06-30-08
R 2-5	REDUCED SPEED () AHEAD	600 x 750 (24" x 30")	750 x 900 (30" x 36")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")	
R 2-9	NEXT ()	750 x 450 (30" x 18")	900 x 600 (36" x 24")	1200 x 750 (48" x 30")		
R 2-10	END (for R2-1, R2-2-1, R3-7L & R3-9B)	600 x 300 (24" x 12")	750 x 375 (30" x 15")	900 x 450 (36" x 18")		
R 2-15	MAINTAIN SPEED THRU TUNNELS	1500 x 1500 (60" x 60")				
R 3-1	NO RIGHT TURN	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R 3-1A	EXCEPT BUSES PLAQUE	600 x 450 (24" x 18")	750 x 600 (30" x 24")			
R 3-1B	TRUCKS OVER () FEET LONG PLAQUE	600 x 600 (24" x 24")	750 x 600 (30" x 24")			
R 3-2	NO LEFT TURN	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R 3-3	NO TURNS	600 x 600 (24" x 24")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
R 3-3-3	NO TURNS FROM SHOULDER	600 x 750 (24" x 30")				
R 3-4	NO U-TURN	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R 3-5L	LEFT TURN	750 x 900 (30" x 36")				
R 3-5R	RIGHT TURN	750 x 900 (30" x 36")				
R 3-5S	STRAIGHT-THROUGH	750 x 900 (30" x 36")				
R 3-5-1	U-TURN OK	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R 3-6LR	OPTIONAL LEFT OR RIGHT TURN	750 x 900 (30" x 36")				
R 3-6LS	OPTIONAL LEFT TURN	750 x 900 (30" x 36")				
R 3-6LSR	OPTIONAL LEFT, STRAIGHT & RIGHT TURN	750 x 900 (30" x 36")				
R 3-6SR	OPTIONAL RIGHT TURN	750 x 900 (30" x 36")				
R 3-7C	CENTER LANE MUST TURN LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R 3-7L	LEFT LANE MUST TURN LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R 3-7LA	LEFT LANE MUST TURN LEFT (narrow)	600 x 1200 (24" x 48")				
R 3-7R	RIGHT LANE MUST TURN RIGHT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R 3-7RA	RIGHT LANE MUST TURN RIGHT (narrow)	600 x 1200 (24" x 48")				
R 3-7-1L	ALL TRAFFIC MUST TURN LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R 3-7-1R	ALL TRAFFIC MUST TURN RIGHT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R 3-7-2	LANE MUST TURN SUPPLEMENTARY PLAQUE	750 x 750 (30" x 30")				
R 3-8A	LANE USE CONTROL (TWO LANES) (Two Sheets)	750 x 750 (30" x 30")	900 x 750 (36" x 30")			
R 3-8B	LANE USE CONTROL (THREE LANES)	1200 x 750 (48" x 30")				
R 3-9A	TWO-WAY LEFT TURN ONLY	750 x 900 (30" x 36")				
R 3-9B	CENTER LANE - LEFT TURN ONLY	600 x 900 (24" x 36")	900 x 1200 (36" x 48")			
R 3-9-3	BEGIN (for R3-9A & R3-9B)	600 x 300 (24" x 12")	750 x 375 (30" x 15")	900 x 450 (36" x 18")		
R 3-10	HOV RESTRICTED LANE	750 x 1050 (30" x 42")	900 x 1500 (36" x 60")	1950 x 2400 (78" x 96")		

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
R 3-11A	HOV PREFERENTIAL LANE	750 x 1050 (30" x 42")	900 x 1500 (36" x 60")	1950 x 2400 (78" x 96")		
R 3-12	HOV PREFERENTIAL LANE AHEAD	750 x 1050 (30" x 42")	900 x 1500 (36" x 60")	1200 x 2100 (48" x 84")		
R 3-12A	HOV PREFERENTIAL LANE ENDS	750 x 1050 (30" x 42")	900 x 1500 (36" x 60")	1200 x 2100 (48" x 84")		
R 3-14	PREFERENTIAL LANE	1800 x 1500 (72" x 60")	2400 x 1800 (96" x 72")	2700 x 2100 (108" x 84")		
R 3-15	HOV PREFERENTIAL LANE AHEAD OVERHEAD	1650 x 900 (66" x 36")	2100 x 1200 (84" x 48")	2550 x 1500 (102" x 60")		
R 3-15A	HOV PREFERENTIAL LANE ENDS OVERHEAD	1650 x 900 (66" x 36")	2100 x 1200 (84" x 48")	2550 x 1500 (102" x 60")		
R 3-17	BIKE LANE	750 x 600 (30" x 24")				
R 4-1	DO NOT PASS	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-1A	NO PASSING ZONE AHEAD	900 x 1200 (36" x 48")				
R 4-2	PASS WITH CARE	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-3	SLOWER TRAFFIC KEEP RIGHT	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")			
R 4-4	RIGHT TURN LANE / BIKES	900 x 750 (36" x 30")				
R 4-5	TRUCKS USE RIGHT LANE	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-6	TRUCK LANE () FEET	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-7	KEEP RIGHT	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-7B	KEEP RIGHT WITH 30° ARROW	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-8	KEEP LEFT	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-8B	KEEP LEFT WITH 30° ARROW	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 4-9	STAY IN LANE	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")			
R 4-10	RUNAWAY VEHICLES ONLY	1200 x 1200 (48" x 48")				
R 4-10-1	FORM SINGLE LANE	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 4-11	LEFT LANE NO BUSES	1200 x 1500 (48" x 60")				
R 4-11-1	LEFT LANE NO TRUCKS	600 x 750 (24" x 30")	750 x 900 (30" x 36")	1200 x 1500 (48" x 60")		
R 4-11-2	NO TRUCKS BUSES TRAILERS LEFT LANE	1200 x 1500 (48" x 60")				
R 4-12	TRUCKS BUSES RIGHT LANE ONLY	1200 x 1500 (48" x 60")				
R 4-12-1	TRUCK MINIMUM SPEED LIMIT	2100 x 1950 (84" x 78")	2550 x 2400 (102" x 96")			
R 4-14	ENTER HERE	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 4-15	ALL TURNS FROM RIGHT LANE	1500 x 1200 (60" x 48")	2400 x 1200 (96" x 48")			
R 4-16	ALL TURNS (right diagonal arrow)	1800 x 1200 (72" x 48")				
R 4-18	KEEP OFF SHOULDER	750 x 750 (30" x 30")				
R 4-19	KEEP OFF MEDIAN	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 4-20	THRU TRAFFIC STAY LEFT	1500 x 1500 (60" x 60")				
R 5-1	DO NOT ENTER	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
R 5-1A	WRONG WAY	900 x 600 (36" x 24")	1200 x 900 (48" x 36")			
R 5-2	NO TRUCK	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	06-30-08
R 5-2-3	EXCEPT LOCAL DELIVERIES (for R5-2, R12-1, R12-4)	600 x 450 (24" x 18")	900 x 750 (36" x 30")	1200 x 900 (48" x 36")		
R 5-2-4	TRUCK WEIGHT(LENGTH) RESTRICTION PANEL (for R5-2)	600 x 300 (24" x 12")				
R 5-2-5	EXCEPT LOCAL TRAFFIC	750 x 750 (30" x 30")				
R 5-3	NO MOTOR VEHICLES	600 x 600 (24" x 24")				
R 5-3-1	MOTOR VEHICLES ONLY	600 x 750 (24" x 30")				
R 5-3-1A	MOTOR VEHICLES AND BICYCLES ONLY	900 x 1200 (36" x 48")				
R 5-3-1B	BICYCLES MUST USE SHOULDER	1200 x 1200 (48" x 48")				
R 5-3-1C	ALL BICYCLES MUST EXIT	1200 x 1200 (48" x 48")				
R 5-3-1D	BICYCLE RESTRICTIONS	900 x 600 (36" x 24")				
R 5-3-2	PEDESTRIANS ONLY	600 x 300 (24" x 12")				
R 5-3-4	NO TRUCKS OR BUSES	750 x 600 (30" x 24")				
R 5-3-5	NO RV'S BEYOND THIS POINT	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
R 5-3-6	EMERGENCY AND AUTHORIZED VEHICLES ONLY	600 x 750 (24" x 30")				
R 5-6	NO BICYCLES	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
R 5-7	SEMITRAILER MINIMUM UNDERCLEARANCE	1500 x 1500 (60" x 60")				
R 5-10	VEHICLES OVER () () FOLLOW	900 x 1200 (36" x 48")				
R 5-10C	PEDESTRIANS PROHIBITED	600 x 300 (24" x 12")				
R 5-10-1	VEHICLES OVER () TONS NO TURNS	900 x 1200 (36" x 48")				

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
R 5-11	SNOW EMERGENCY ROUTE	900 x 1200 (36" x 48")				
R 5-20	FLAM LIQ & EXP LOADS PROHIBITED IN TUNNEL	1200 x 1800 (48" x 72")				
R 5-20-1	FLAM LIQ & EXP LOADS MUST USE NEXT EXIT	1200 x 1800 (48" x 72")				
R 5-21	HAZARDOUS LOADS WITH PLACARDS PROHIBITED	1200 x 1500 (48" x 60")				
R 5-21-1	HAZARDOUS MATERIALS MUST FOLLOW DETOUR	1200 x 1500 (48" x 60")				
R 6-1L	HORIZONTAL LEFT ONE-WAY	900 x 300 (36" x 12")	1350 x 450 (54" x 18")			
R 6-1R	HORIZONTAL RIGHT ONE-WAY	900 x 300 (36" x 12")	1350 x 450 (54" x 18")			
R 6-2L	VERTICAL LEFT ONE-WAY	450 x 600 (18" x 24")	600 x 750 (24" x 30")	750 x 900 (30" x 36")		
R 6-2R	VERTICAL RIGHT ONE-WAY	450 x 600 (18" x 24")	600 x 750 (24" x 30")	750 x 900 (30" x 36")		
R 6-3	DIVIDED HIGHWAY CROSSING	750 x 600 (30" x 24")	900 x 750 (36" x 30")			
R 6-3A	DIVIDED HIGHWAY SIDEROAD CROSSING	750 x 600 (30" x 24")	900 x 750 (36" x 30")			
R 6-10	TWO-WAY TRAFFIC AHEAD	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 6-11	END ONE-WAY	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 6-12	BEGIN ONE-WAY	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 7-2	NO PARKING RESTRICTED HOURS PLAQUE (for R8-3A)	300 x 300 (12" x 12")	600 x 450 (24" x 18")			
R 7-2A	NO PARKING RESTRICTED HOURS	300 x 450 (12" x 18")				
R 7-2B	NO PARKING RESTRICTED DAYS	300 x 450 (12" x 18")				
R 7-4	NO STANDING ANY TIME	300 x 450 (12" x 18")				
R 7-4A	NO STOPPING OR STANDING	300 x 450 (12" x 18")	600 x 900 (24" x 36")			
R 7-5	LIMITED TIME PARKING	300 x 450 (12" x 18")				
R 7-6	NO PARKING LOADING ZONE PLAQUE	300 x 300 (12" x 12")	600 x 450 (24" x 18")			
R 7-6A	NO PARKING LOADING ZONE	300 x 450 (12" x 18")				
R 7-7	NO PARKING ARROW PLAQUE (for R8-3A)	300 x 150 (12" x 6")	600 x 300 (24" x 12")	900 x 450 (36" x 18")		
R 7-7A	NO PARKING SYMBOL / ARROW	300 x 450 (12" x 18")				
R 7-8	RESERVED PARKING	300 x 450 (12" x 18")				
R 7-8B	VAN ACCESSIBLE	300 x 150 (12" x 6")				
R 7-8F	RESERVED PARKING PENALTIES	300 x 450 (12" x 18")				
R 7-8-1	RESERVED PARKING-STATE POLICE ONLY	300 x 450 (12" x 18")				
R 7-8-2	RESERVED PARKING EDUCATIONAL PLAQUE (for R7-8)	300 x 250 (12" x 10")				
R 7-8-3	PERMIT PARKING FOR GOVERNOR'S RESIDENCE	300 x 450 (12" x 18")				
R 7-9	ONE HOUR PARKING EXCEPT TURNPIKE EMPLOYEES	300 x 450 (12" x 18")				
R 7-10	TEMPORARY NO PARKING	300 x 450 (12" x 18")				
R 7-22	SNOW EMERGENCY ROUTE NO PARKING	450 x 600 (18" x 24")				
R 7-22-1	NO PARKING UNTIL SNOW IS REMOVED	300 x 450 (12" x 18")				
R7-100	NO IDLING	600 x 600 (24" x 24")	1200 x 1200 (48" x 48")			01-12-09
R 7-107A	NO PARKING BUS STOP	300 x 750 (12" x 30")				
R 7-201	TOW-AWAY ZONE	300 x 150 (12" x 6")				
R 8-1	NO PARKING ON PAVEMENT	300 x 300 (12" x 12")	600 x 450 (24" x 18")			
R 8-3A	NO PARKING SYMBOL	300 x 300 (12" x 12")	600 x 600 (24" x 24")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	02-01-10
R 8-4	EMERGENCY PARKING ONLY	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
R 8-5	NO STOPPING ON PAVEMENT	600 x 750 (24" x 30")	900 x 1200 (36" x 48")	1200 x 1500 (48" x 60")		
R 8-7	EMERGENCY STOPPING ONLY	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
R 8-8	DO NOT STOP ON TRACKS	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R 8-9	TRACKS OUT OF SERVICE	900 x 900 (36" x 36")				
R 8-20	NO STOPPING ON BRIDGE	450 x 600 (18" x 24")	600 x 750 (24" x 30")			
R 9-1	WALK ON LEFT FACING TRAFFIC	450 x 600 (18" x 24")				
R 9-2	CROSS ONLY AT CROSSWALKS	300 x 450 (12" x 18")				06-30-08
R 9-3A	NO PEDESTRIAN CROSSING	450 x 450 (18" x 18")	600 x 600 (24" x 24")			11-05-08
R 9-3BL	USE CROSSWALK PLAQUE, LEFT (for R9-3A)	450 x 300 (18" x 12")				
R 9-3BR	USE CROSSWALK PLAQUE, RIGHT (for R9-3A)	450 x 300 (18" x 12")				
R 9-4B	DO NOT PICK UP HITCHHIKERS	600 x 750 (24" x 30")				
R 9-9	SIDEWALK CLOSED	600 x 300 (24" x 12")	750 x 450 (30" x 18")			06-30-08
R 9-10	SIDEWALK CLOSED USE OTHER SIDE	600 x 300 (24" x 12")	1200 x 600 (48" x 24")			06-30-08

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
R 9-11A	SIDEWALK CLOSED CROSS HERE	600 x 300 (24" x 12")	1200 x 600 (48" x 24")			06-30-08
R10-1	CROSS ON GREEN LIGHT ONLY	300 x 450 (12" x 18")				
R10-2	CROSS ON WALK SIGNAL ONLY	300 x 450 (12" x 18")				
R10-2A	CROSS ON WALK SYMBOL ONLY	300 x 450 (12" x 18")				
R10-3	PUSH BUTTON FOR GREEN LIGHT	225 x 300 (9" x 12")				
R10-3B	EDUCATIONAL PUSH BUTTON FOR WALKING PERSON SIGNAL	225 x 300 (9" x 12")				
R10-3C	EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL	225 x 300 (9" x 12")				
R10-3E	EDUC. PUSH BUTTON FOR WALK SIGNAL W/ COUNTDOWN TIMER	225 x 350 (9" x 14")				02-01-10
R10-4	PUSH BUTTON FOR WALK SIGNAL	225 x 300 (9" x 12")				
R10-4B	PUSH BUTTON FOR WALKING PERSON SIGNAL	225 x 300 (9" x 12")				
R10-5	LEFT ON GREEN ARROW ONLY	600 x 750 (24" x 30")	750 x 900 (30" x 36")			
R10-6AL	STOP HERE ON RED, (LEFT)	600 x 750 (24" x 30")				
R10-6AR	STOP HERE ON RED, (RIGHT)	600 x 750 (24" x 30")				
R10-6-1	LEFT LANE PLAQUE	600 x 450 (24" x 18")				
R10-7	DO NOT BLOCK INTERSECTION	600 x 750 (24" x 30")				
R10-8	PUSH BUTTON TO ACTIVATE WARNING LIGHTS	225 x 300 (9" x 12")				
R10-10L	LEFT TURN SIGNAL	600 x 750 (24" x 30")	750 x 900 (30" x 36")			
R10-10R	RIGHT TURN SIGNAL	600 x 750 (24" x 30")	750 x 900 (30" x 36")			
R10-11	NO TURN ON RED SYMBOL	600 x 750 (24" x 30")	750 x 900 (30" x 36")			06-30-08
R10-11B	NO TURN ON RED SQUARE-SHAPED	600 x 600 (24" x 24")	750 x 750 (30" x 30")			06-30-08
R10-11C	NO TURN ON RED WITH ONE-LINE RESTRICTION	600 x 750 (24" x 30")	750 x 900 (30" x 36")			06-30-08
R10-12	LEFT TURN YIELD ON GREEN	750 x 900 (30" x 36")				
R10-13	EMERGENCY SIGNAL	900 x 600 (36" x 24")				
R10-15	TURNING TRAFFIC MUST YIELD TO PEDESTRIANS	600 x 750 (24" x 30")	750 x 900 (30" x 36")			02-01-10
R10-18	TRAFFIC LAWS PHOTO ENFORCED	900 x 450 (36" x 18")	1200 x 750 (48" x 30")	1800 x 900 (72" x 36")		02-01-10
R10-19	PHOTO ENFORCED	600 x 450 (24" x 18")	900 x 750 (36" x 30")	1200 x 900 (48" x 36")		
R10-20	OPPOSING TRAFFIC HAS EXTENDED GREEN	750 x 900 (30" x 36")				
R10-20A	RESTRICTED HOURS PLAQUE	600 x 300 (24" x 12")	600 x 450 (24" x 18")	600 x 600 (24" x 24")	600 x 750 (24" x 30")	
	RESTRICTED HOURS PLAQUE (cont.)	750 x 375 (30" x 15")	750 x 600 (30" x 24")	750 x 750 (30" x 30")	750 x 900 (30" x 36")	
R11-2	ROAD CLOSED	1200 x 750 (48" x 30")				
R11-2-1	BRIDGE CLOSED	1200 x 750 (48" x 30")				
R11-3A	ROAD CLOSED - LOCAL TRAFFIC ONLY	1500 x 750 (60" x 30")				
R11-3B	BRIDGE OUT - LOCAL TRAFFIC ONLY	1200 x 300 (48" x 12")				
R11-4	ROAD CLOSED TO THRU TRAFFIC	1500 x 750 (60" x 30")				
R11-6	CLOSED FOR THE SEASON	900 x 750 (36" x 30")				
R11-7	TRUCKS KEEP OFF SHOULDER	750 x 750 (30" x 30")				
R11-10	STREET CLOSED () TO ()	450 x 600 (18" x 24")				
R11-11	SNOWMOBILE ROAD - CLOSED TO ALL OTHER VEHICLES	900 x 600 (36" x 24")				
R11-11-1	ATV ROAD - CLOSED TO ALL OTHER VEHICLES	900 x 600 (36" x 24")				
R11-11-2	SNOWMOBILE - ATV ROAD/CLOSED TO ALL OTHER VEHICLES	1200 x 600 (48" x 24")				
R12-1	WEIGHT LIMIT () TONS	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
R12-1A	BRIDGE LIMITED TO ONE TRUCK	900 x 750 (36" x 30")				
R12-1-1	() MILES AHEAD (black-on-white)	600 x 450 (24" x 18")	900 x 600 (36" x 24")			
R12-1-2	BRIDGE (for R12-1 & R12-1-1)	600 x 300 (24" x 12")	900 x 300 (36" x 12")			
R12-1-3	WEIGHT LIMIT FOR SAFETY PLAQUE (for R5-2, R12-1, R12-5A)	250 x 150 (10" x 6")				
R12-1-4	SEASONAL WEIGHT LIMIT (for R12-1)	600 x 450 (24" x 18")	900 x 600 (36" x 24")			
R12-5A	EXCEPT COMBINATIONS () TONS (for R12-1)	600 x 450 (24" x 18")	900 x 600 (36" x 24")			
R12-6	102-INCH WIDE TRAILER ADVANCE PROHIBITED	600 x 900 (24" x 36")	900 x 1200 (36" x 48")	1500 x 1800 (60" x 72")		06-30-06
R12-6A	102-INCH WIDE TRAILER PROHIBITED	600 x 600 (24" x 24")	900 x 900 (36" x 36")	1500 x 1200 (60" x 48")		06-30-06
R13-1-1	ALL TRUCKS MUST ENTER WEIGH STATION	1800 x 1200 (72" x 48")	2400 x 1650 (96" x 66")	3000 x 2100 (120" x 84")		
R13-2	ALL TRUCKS MUST ENTER REST AREA	1200 x 1200 (48" x 48")				
R14-1	TRUCK ROUTE	600 x 450 (24" x 18")				
R14-2	HAZARDOUS MATERIAL ROUTE	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
		600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R14-3	HAZARDOUS MATERIAL PROHIBITED	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
R14-6	WASTE TRUCKS PROHIBITED	900 x 900 (36" x 36")				
R14-9	BRAKE RETARDERS PROHIBITED	750 x 900 (30" x 36")				
R14-9A	END BRAKE RETARDER PROHIBITION	900 x 750 (36" x 30")				
R14-10	TRUCKS REDUCE GEAR	1200 x 900 (48" x 36")				
R14-11	TRUCKS OVER () LBS GROSS WEIGHT REDUCE GEAR	900 x 1200 (36" x 48")				
R14-12	REDUCED GEAR ZONE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R14-12-1	STAY IN REDUCED GEAR	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
R14-13	END REDUCED GEAR ZONE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
R14-14	TRUCKS OVER () LBS STOP () FEET	1200 x 1500 (48" x 60")	1800 x 2400 (72" x 96")			02-01-10
R14-15	TRUCKS OVER () LBS WITH ARROW	1800 x 900 (72" x 36")	2400 x 1200 (96" x 48")			02-01-10
R14-16-1	VEHICLES OVER () FT WIDE PROHIBITED	1500 x 1500 (60" x 60")	2400 x 2400 (96" x 96")			
R14-16(1)	BEYOND EXIT (for R14-16's)	1500 x 300 (60" x 12")	2400 x 600 (96" x 24")			
R14-16(2)	BEYOND NEXT EXIT (for R14-16's)	1500 x 300 (60" x 12")	2400 x 600 (96" x 24")			
R14-16(3)	BEYOND NEXT INTERSECTION (for R14-16's)	1500 x 450 (60" x 18")	2400 x 750 (96" x 30")			
R14-17	TRUCKS OVER 10,000 GVWR RIGHT LANE	1200 x 900 (48" x 36")				
R14-17-1	VEHICLES OVER () FT IN HEIGHT PROHIBITED	1500 x 1500 (60" x 60")	2400 x 2400 (96" x 96")			
R14-18	TRUCKS OVER 10,000 GVWR ENTER	1200 x 900 (48" x 36")				
R14-19	BUSES RIGHT LANE	1200 x 900 (48" x 36")				
R14-20	BUSES ENTER HERE	1200 x 900 (48" x 36")				06-30-08
R15-1	RAILROAD CROSSBUCK	1200 x 225 (48" x 9")				
R15-2	TRACKS (for R15-1)	675 x 225 (27" x 9")				
R15-3	EXEMPT RAILROAD CROSSING	600 x 300 (24" x 12")				
R15-4	HIGH SPEED TRAINS	600 x 600 (24" x 24")				
R16-1	SCHOOL BUS LAW	900 x 900 (36" x 36")				
R16-4	NO CRUISING	900 x 1200 (36" x 48")				
R16-5	WET PAINT	600 x 600 (24" x 24")				
R16-6	NO FISHING, DIVING OR LOITERING	450 x 450 (18" x 18")				
R16-8	USE FLASHERS BELOW () MPH	1200 x 1500 (48" x 60")				
R20-4	THREE OR MORE AXLE TRUCKS	600 x 450 (24" x 18")				
R21-1	RAMP METER ON WHEN FLASHING	2100 x 1050 (84" x 42")				
R21-2	FORM TWO LANES WHEN METERED	2100 x 1050 (84" x 42")				
R21-3	ONE VEHICLE PER GREEN	750 x 900 (30" x 36")				
R21-4	ONE VEHICLE PER GREEN EACH LANE	900 x 900 (36" x 36")				
R22-1	WORK ZONE-TURN ON HEADLIGHTS	1200 x 900 (48" x 36")	1800 x 1200 (72" x 48")			
W 1-1L	LEFT TURN	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-1R	RIGHT TURN	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-1LR	LEFT TURN WITH SIDE ROAD RIGHT (symbol)	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-1LS	LEFT TURN WITH SIDE ROAD STRAIGHT AHEAD (symbol)	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-1RL	RIGHT TURN WITH SIDE ROAD LEFT (symbol)	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-1RS	RIGHT TURN WITH SIDE ROAD STRAIGHT AHEAD (symbol)	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-2L	LEFT CURVE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-2R	RIGHT CURVE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-2LRA	LEFT CURVE -- DIVERGING MINOR RIGHT SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-2LRB	LEFT CURVE -- CONVERGING MINOR RIGHT SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-2RLA	RIGHT CURVE -- DIVERGING MINOR LEFT SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-2RLB	RIGHT CURVE -- CONVERGING MINOR LEFT SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-3L	LEFT REVERSE TURN	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-3R	RIGHT REVERSE TURN	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-4L	LEFT REVERSE CURVE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-4R	RIGHT REVERSE CURVE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-4BL	TWO-LANE LEFT REVERSE CURVE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 1-4BR	TWO-LANE RIGHT REVERSE CURVE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
W 1-5L	LEFT WINDING ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-5R	RIGHT WINDING ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-5-1	WINDING ROAD NEXT () MILES	900 x 900 (36" x 36")				
W 1-6	LARGE SINGLE ARROW	1200 x 600 (48" x 24")	2400 x 1200 (96" x 48")	3000 x 1500 (120" x 60")		
W 1-7	LARGE DOUBLE ARROW	1200 x 600 (48" x 24")	2400 x 1200 (96" x 48")	3000 x 1500 (120" x 60")		
W 1-8	CHEVRON ALIGNMENT	450 x 600 (18" x 24")	600 x 750 (24" x 30")	750 x 900 (30" x 36")	900 x 1200 (36" x 48")	02-01-10
W 1-10L	LEFT CURVE RIGHT SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-10R	RIGHT CURVE LEFT SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-11L	LEFT HORSESHOE CURVE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-11R	RIGHT HORSESHOE CURVE	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 1-13L	TRUCK ROLLOVER LEFT CURVE	1200 x 1200 (48" x 48")				
W 1-13R	TRUCK ROLLOVER RIGHT CURVE	1200 x 1200 (48" x 48")				
W 2-1	CROSS ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-1-1L	OFFSET SIDE ROAD LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-1-1R	OFFSET SIDE ROAD RIGHT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-2	SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-2D	DOUBLE SIDE ROAD	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-3L	45° SIDE ROAD LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-3R	45° SIDE ROAD RIGHT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-3-1L	CURVE - SIDE ROAD LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-3-1R	CURVE - SIDE ROAD RIGHT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-4	T SYMBOL	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-5	Y SYMBOL	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-5-1L	Y SYMBOL SECONDARY LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-5-1R	Y SYMBOL SECONDARY RIGHT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W 2-6	CIRCULAR INTERSECTION	600 x 600 (24" x 24")	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
W 3-1	STOP AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			10-07-09
W 3-2	YIELD AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			10-07-09
W 3-3	SIGNAL AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			10-07-09
W 3-3-3	SIGNAL OUT OF SERVICE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 3-4	BE PREPARED TO STOP	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			06-30-08
W 3-4A	POLICE CONTROL AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 3-5	SPEED REDUCTION SIGN	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 4-1L	MERGE LEFT	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 4-1R	MERGE RIGHT	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 4-2L	PAVEMENT WIDTH TRANSITION - LEFT LANE ENDS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 4-2R	PAVEMENT WIDTH TRANSITION - RIGHT LANE ENDS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 4-3L	LEFT ADDED LANE	1200 x 1200 (48" x 48")				
W 4-3R	RIGHT ADDED LANE	1200 x 1200 (48" x 48")				
W 4-4A	TRAFFIC FROM LEFT DOES NOT STOP	750 x 375 (30" x 15")	900 x 450 (36" x 18")			06-30-08
W 4-4B	ONCOMING TRAFFIC DOES NOT STOP	750 x 375 (30" x 15")	900 x 450 (36" x 18")			06-30-08
W 4-4P	CROSS TRAFFIC DOES NOT STOP	750 x 375 (30" x 15")	900 x 450 (36" x 18")			06-30-08
W 4-13	WEAVE AREA	900 x 900 (36" x 36")				
W 5-1	ROAD NARROWS	900 x 900 (36" x 36")				
W 5-1-1	NARROW ROAD NEXT () MILES	900 x 900 (36" x 36")				
W 5-2	NARROW BRIDGE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 5-2A	NARROW UNDERPASS	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
W 5-3	ONE LANE BRIDGE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 5-3A	ONE LANE UNDERPASS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 5-3B	TWO ONE LANE BRIDGES	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 5-4	RAMP NARROWS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			02-01-10
W 5-4-1	LANES NARROW	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W 5-5	LANES SHIFT	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			06-30-08

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)			DATE APPROVED
W 6-1	DIVIDED HIGHWAY - DIVIDED HIGHWAY ENDS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 6-3	TWO - WAY TRAFFIC	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 6-5	EXPRESSWAY ENDS	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")		
W 6-7	FREEWAY ENDS	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")		
W 7-1	HILL	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")		
W 7-3	GRADE (for W7-1)	600 x 450 (24" x 18")	750 x 600 (30" x 24")		
W 7-3A	NEXT () MILES (for W7-1)	600 x 450 (24" x 18")	750 x 600 (30" x 24")		
W 7-3B	() GRADE / () MILES (for W7-1)	600 x 450 (24" x 18")	750 x 600 (30" x 24")		
W 7-4	ADVANCE RUNAWAY TRUCK RAMP	1950 x 1200 (78" x 48")	3600 x 1800 (144" x 72")		
W 7-4B	RUNAWAY TRUCK RAMP EXIT (right diag. arrow)	1950 x 1350 (78" x 54")	2850 x 1800 (114" x 72")		
W 7-4D	SAND-PLAQUE	1950 x 450 (78" x 18")	3600 x 600 (144" x 24")		
W 7-4E	GRAVEL-PLAQUE	1950 x 450 (78" x 18")	3600 x 600 (144" x 24")		
W 7-4F	PAVED-PLAQUE	1950 x 450 (78" x 18")	3600 x 600 (144" x 24")		
W 7-6	HILL BLOCKS VIEW	750 x 750 (30" x 30")			
W 8-1	BUMP	750 x 750 (30" x 30")			
W 8-2	DIP	750 x 750 (30" x 30")			
W 8-3	PAVEMENT ENDS	750 x 750 (30" x 30")			
W 8-4	SOFT SHOULDER	750 x 750 (30" x 30")			
W 8-5	SLIPPERY WHEN WET	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
W 8-5A	SLIPPERY WHEN WET PLAQUE	600 x 450 (24" x 18")	750 x 600 (30" x 24")		
W 8-7	LOOSE GRAVEL	750 x 750 (30" x 30")			
W 8-8	ROUGH ROAD	750 x 750 (30" x 30")			
W 8-9	LOW SHOULDER	750 x 750 (30" x 30")			
W 8-11	UNEVEN LANES	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-13	BRIDGE ICES BEFORE ROAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-13B	BRIDGE MAY BE SLIPPERY	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-14	GROOVED PAVEMENT AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-15	RUMBLE STRIPS AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-15-1	CENTER LINE RUMBLE STRIPS	1200 x 1200 (48" x 48")			
W 8-16	OPEN GRATE BRIDGE	750 x 750 (30" x 30")			
W 8-17	FALLING ROCK	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")		
W 8-18	ROADWAY SUBJECT TO FLOODING	900 x 900 (36" x 36")			
W 8-19	WATCH FOR ICE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-20	WATCH FOR MUD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 8-20-1	MUD SLIDE AREA	900 x 900 (36" x 36")			
W 8-21	SLIPPERY WINTER CONDITIONS	1200 x 1200 (48" x 48")			
W 8-22 & W 8-22-1	ANTI-ICING IN PROGRESS AND WHEN FLASHING	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 9-1L	LEFT LANE ENDS	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
W 9-1R	RIGHT LANE ENDS	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
W 9-2L	LANE ENDS MERGE LEFT	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
W 9-2R	LANE ENDS MERGE RIGHT	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	
W 9-3	CENTER LANE CLOSED	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W 9-3A	CENTER LANE MUST SHIFT LEFT	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")		
W10-1	RAILROAD WARNING	900 DIA. (36") DIA.	1200 DIA. (48") DIA.		
W10-1A	EXEMPT RAILROAD WARNING (for W10-1)	600 x 300 (24" x 12")			
W10-1B	BICYCLISTS DISMOUNT	450 x 450 (18" x 18")	600 x 600 (24" x 24")		
W10-2	RAILROAD CROSSING AT CROSS ROAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W10-3	RAILROAD CROSSING ON SIDE ROAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W10-4	RR CROSSING ON STEM OF "T" INTERSECTION (RIGHT)	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W10-4A	RR CROSSING ON STEM OF "T" INTERSECTION (LEFT)	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W10-5	LOW GROUND CLEARANCE HWY-RR CROSSING	900 x 900 (36" x 36")			
W10-5-1	LOW GROUND CLEARANCE HWY-RR CROSS (PLAQUE)	600 x 450 (24" x 18")			
W10-9	NO TRAIN HORN	600 x 450 (24" x 18")			06-30-08

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W11-1	BICYCLE WARNING	750 x 750 (30" x 30")			
W11-2	PEDESTRIAN	750 x 750 (30" x 30")			
W11-2A	RAISED PEDESTRIAN CROSSING	750 x 750 (30" x 30")			
W11-2B	HIKER CROSSING	750 x 750 (30" x 30")			
W11-3	DEER CROSSING	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")		
W11-3A	ELK CROSSING	750 x 750 (30" x 30")			
W11-4	CATTLE CROSSING	750 x 750 (30" x 30")			
W11-5	FARM MACHINERY	750 x 750 (30" x 30")			
W11-6	SNOWMOBILE CROSSING	750 x 750 (30" x 30")			
W11-6-1	ATV CROSSING	750 x 750 (30" x 30")			02-01-10
W11-7	EQUESTRIAN CROSSING	750 x 750 (30" x 30")			
W11-8	FIRE STATION	750 x 750 (30" x 30")	900 x 900 (36" x 36")		
W11-8-2	EMERGENCY VEHICLE ENTRANCE	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-9	HANDICAPPED AREA	750 x 750 (30" x 30")	900 x 900 (36" x 36")		
W11-10	TRUCK CROSSING	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")		
W11-10-1	HEAVY EQUIPMENT CROSSING	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-11	GOLF CART CROSSING	750 x 750 (30" x 30")			
W11-12	PLANT ENTRANCE	750 x 750 (30" x 30")			
W11-13	PARK ENTRANCE	750 x 750 (30" x 30")			
W11-14	HORSEDRAWN VEHICLE	750 x 750 (30" x 30")			
W11-15	COUNTY HOME	750 x 750 (30" x 30")			
W11-15-1	SENIOR CITIZENS CENTER	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-16	HOSPITAL	750 x 750 (30" x 30")			
W11-17	CHURCH	750 x 750 (30" x 30")			
W11-19A	HIDDEN DRIVEWAY	750 x 750 (30" x 30")			
W11-20	BRIDLE PATH	750 x 750 (30" x 30")			
W11-21	LEFT TURNS AND CROSS TRAFFIC	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")		
W11-21-1	LEFT TURNS	750 x 750 (30" x 30")	900 x 900 (36" x 36")		
W11-21-2	WATCH FOR TURNS	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-22A	IMPAIRED CHILD	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-25	BLIND PEDESTRIAN CROSSING	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-26	DUCK CROSSING	750 x 750 (30" x 30")			
W11-27	TANK CROSSING	900 x 900 (36" x 36")	750 x 750 (30" x 30")		02-01-10
W11-28	CEMETERY ENTRANCE	750 x 750 (30" x 30")			
W12-1	DOUBLE ARROW	900 x 900 (36" x 36")			
W12-2	LOW CLEARANCE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W12-2-3	ON SHOULDER	900 x 450 (36" x 18")	1200 x 600 (48" x 24")		
W12-2P	LOW CLEARANCE (overhead)	1200 x 300 (48" x 12")	2400 x 600 (96" x 24")		06-30-06
W13-1	ADVISORY SPEED	450 x 450 (18" x 18")	600 x 600 (24" x 24")	750 x 750 (30" x 30")	
W13-2	ADVISORY EXIT SPEED	1200 x 1500 (48" x 60")			
W13-3	ADVISORY RAMP SPEED	1200 x 1500 (48" x 60")			
W14-2	NO OUTLET	750 x 750 (30" x 30")			
W14-2-1	NO THRU STREEET	900 x 900 (36" x 36")			
W14-3	NO PASSING ZONE (pennant)	1200 x 900 (48" x 36")			
W14-5	NO WINTER MAINTENANCE	750 x 750 (30" x 30")			
W14-6	CONGESTED AREA NEXT () MILE(S)	1500 x 1500 (60" x 60")			
W14-7	WATCH FOR STOPPED VEHICLES	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")	
W14-8	NEW TRAFFIC PATTERNS	2400 x 1200 (96" x 48")			
W14-9	TRUCK WEIGHING AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W14-10	FOG AREA	1200 x 1200 (48" x 48")			
W14-11	VEHICLES ARE CLOSER THAN THEY APPEAR	450 x 450 (18" x 18")			
W14-12	SLOW MOVING VEHICLES	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")		
W14-13	LOW FLYING AIRCRAFT	1200 x 1200 (48" x 48")			

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
W14-14	HIGH CROSS WINDS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W14-15	TRAFFIC SURVEY	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W14-16	BALLOON LAUNCH AREA	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W14-20	EFFECTIVE HOURS (panel)	600 x 300 (24" x 12")	600 x 450 (24" x 18")	600 x 600 (24" x 24")		
	EFFECTIVE HOURS (panel) (cont.)	750 x 375 (30" x 15")	750 x 600 (30" x 24")	750 x 750 (30" x 30")		
W14-22	ARE YOUR TURN SIGNALS ON ?	1200 x 600 (48" x 24")				
W15-1	PLAYGROUND	750 x 750 (30" x 30")				06-30-08
W 15-2	WATCH CHILDREN	750 x 750 (30" x 30")				06-30-08
W16-1	SHARE THE ROAD	750 x 750 (30" x 30")				
W16-2	() FEET (black-on-yellow)	600 x 450 (24" x 18")	750 x 600 (30" x 24")			
W16-3A	() MILES (black-on-yellow)	750 x 300 (30" x 12")				02-01-10
W16-7P	DIAGONAL DOWNWARD POINTING ARROW	600 x 300 (24" x 12")	750 x 450 (30" x 18")			06-30-08
W16-8	SINGLE-LINE ADVANCE STREET NAME	VAR x 200 (VAR x 8")	VAR x 300 (VAR. x 12")			06-30-08
W16-8A	DOUBLE-LINE ADVANCE STREET NAME	1200 x 400 (48" x 16")	1800 x 600 (72" x 24")			06-30-08
W16-9P	AHEAD PLAQUE	600 x 300 (24" x 12")	900 x 600 (36" x 24")	1200 x 750 (48" x 30")		06-30-08
W16-10	PHOTO ENFORCED PLAQUE	750 x 600 (30" x 24")				
W16-10A	RED LIGHT PHOTO ENFORCED	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W16-12P	TRAFFIC CIRCLE PLAQUE	600 x 450 (24" x 18")				
W17-1	SPEED HUMP	750 x 750 (30" x 30")				
W20-1	ROAD WORK	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	1500 x 1500 (60" x 60")		
W20-1S	RECTANGULAR ROAD WORK	900 x 900 (36" x 36")				
W20-2	ADVANCE DETOUR	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-3	ROAD CLOSED	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-3A	ROAD OPEN	1200 x 900 (48" x 36")				
W20-4	ONE LANE ROAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-5AL	LEFT TWO LANES CLOSED	1200 x 1200 (48" x 48")				
W20-5AR	RIGHT TWO LANES CLOSED	1200 x 1200 (48" x 48")				
W20-5L	LEFT LANE CLOSED	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-5R	RIGHT LANE CLOSED	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-5-3	RECTANGULAR LEFT LANE CLOSED	900 x 1200 (36" x 48")				
W20-5-4	RECTANGULAR RIGHT LANE CLOSED	900 x 1200 (36" x 48")				
W20-7A	FLAGGER SYMBOL	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-8	ARROW	750 x 750 (30" x 30")				
W20-9	TEMPORARY ROADWAY	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-10A	BE PREPARED TO STOP NEXT () MI	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-11	SOBRIETY CHECK POINT AHEAD	1200 x 1200 (48" x 48")				06-30-08
W20-12	SAFETY CHECK POINT AHEAD	1200 x 1200 (48" x 48")				
W20-13	TUNNEL TEMPORARILY CLOSED	750 x 750 (30" x 30")				
W20-15	EXPECT DELAYS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-16	ROAD SURVEY NEXT () MILE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W20-17	END ROADWAY SURVEY	750 x 750 (30" x 30")				
W20-99	TUNNEL LANE CLOSED	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-2	FRESH OIL	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
W21-2-1	TRAVEL AT YOUR OWN RISK	750 x 750 (30" x 30")				
W21-4-1B	RAMP WORK AHEAD	1200 x 1200 (48" x 48")				
W21-5	SHOULDER WORK	750 x 750 (30" x 30")	1200 x 1200 (48" x 48")			
W21-5BL	LEFT SHOULDER CLOSED	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		06-30-08
W21-5BR	RIGHT SHOULDER CLOSED	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		06-30-08
W21-5-1	FRESH OIL AND CHIPS	900 x 900 (36" x 36")				
W21-5-2	OIL AND CHIPPING AHEAD	900 x 900 (36" x 36")				
W21-6	SURVEY CREW	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-7	UTILITY WORK AHEAD	900 x 900 (36" x 36")				
W21-8	WORK AREA AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			

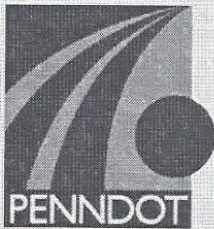
NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
W21-8-1	RECTANGULAR WORK AREA AHEAD	900 x 1200 (36" x 48")				
W21-9A	NO GUIDE RAIL	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		06-30-08
W21-10	STOP AND SLOW (paddle)	450 x 450 (18" x 18")	600 x 600 (24" x 24")			02-01-10
W21-11	BRIDGE INSPECTION AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-12	SAND BLASTING AHEAD CLOSE WINDOWS	1500 x 900 (60" x 36")				
W21-14	MOWING NEXT () MI	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-15	COUNTER INSTALLATION AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-16	NO PAVEMENT MARKINGS	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-18	LITTER CREW AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-18A	LITTER CREW AHEAD (Square)	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-19	ACTIVE WORK ZONE WHEN FLASHING	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W21-20	END ACTIVE WORK ZONE	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W22-1	BLASTING ZONE AHEAD	1200 x 1200 (48" x 48")				
W22-2	TURN OFF 2-WAY RADIOS AND CELL PHONES	1200 x 900 (48" x 36")				
W22-3	END BLASTING ZONE	1050 x 900 (42" x 36")				
W23-1	THIS BRIDGE TO BE CLOSED FOR MAINTENANCE	2400 x 1200 (96" x 48")				
W23-2	ROAD TO BE OILED NEXT WEEK	900 x 900 (36" x 36")				
W23-3	END OF PROPOSED OILING	900 x 900 (36" x 36")				
W24-1L & W24-1R	SINGLE LANE DOUBLE REVERSE CURVE	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W24-1AL & W24-1R	TWO LANE DOUBLE REVERSE CURVE	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
W24-1BL & W24-1R	THREE LANE DOUBLE REVERSE CURVE	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		06-30-08
W25-1	ACCIDENT / EMERGENCY AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W25-2	TRUCK INSPECTION AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W25-3	BUS INSPECTION AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
W25-4	EXIT GORE	1200 x 1200 (48" x 48")				02-01-10
W25-5	CONSTRUCTION ENTRANCE AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			02-01-10
W30-1-1	DISTANCE (500 FT) (panel)	500 x 150 (20" x 6")	750 x 250 (30" x 10")			
W30-1-2	DISTANCE (1000 FT) (panel)	500 x 150 (20" x 6")	750 x 250 (30" x 10")			01-18-07
W30-1-3	DISTANCE (1500 FT) (panel)	500 x 150 (20" x 6")	750 x 250 (30" x 10")			
W30-1-4	DISTANCE (1/2 MILE) (panel)	500 x 150 (20" x 6")	750 x 250 (30" x 10")			
W30-1-5	DISTANCE (1 MILE) (panel)	500 x 150 (20" x 6")	750 x 250 (30" x 10")			
W30-1-6	DISTANCE (AHEAD) (panel)	500 x 150 (20" x 6")	750 x 250 (30" x 10")			
G20-1	LENGTH OF WORK	1500 x 750 (60" x 30")	1800 x 900 (72" x 36")			
G20-1-2	ROAD WORK TO BEGIN NEXT WEEK	1200 x 900 (48" x 36")				
G20-2	END ROAD WORK	900 x 450 (36" x 18")	1500 x 600 (60" x 24")			02-01-10
G20-4	PILOT CAR	900 x 450 (36" x 18")				
G20-4-1	TURNING VEHICLES -- WAIT FOR PILOT CAR	900 x 1200 (36" x 48")				
G20-6	DETOUR FOLLOW RED ARROW	1200 x 750 (48" x 30")				
G20-6-1	RED ARROW	600 x 300 (24" x 12")				
G20-15	CROSSOVER () FEET	1800 x 900 (72" x 36")				
G20-16	MAINTAIN SAFE DISTANCE BETWEEN VEHICLES	1500 x 1500 (60" x 60")				
G20-17	SINGLE LANE NEXT () MILES	1500 x 1500 (60" x 60")				
G30-1	EMERGENCY PULL-OFF ()	2400 x 1500 (96" x 60")				
G30-2	EMERGENCY PULL-OFF ENTRANCE	2400 x 1500 (96" x 60")				
G40-1	TEMPORARY ARROW	1800 x 900 (72" x 36")	2400 x 1200 (96" x 48")			
G40-2	STRIPED (panel) (for G40-1)	1800 x 900 (72" x 36")	2400 x 1200 (96" x 48")			
G60-1	ROAD WORK INFO TUNE RADIO TO () AM	3000 x 1200 (120" x 48")	3300 x 1500 (132" x 60")			
G60-1A	URGENT MESSAGE WHEN FLASHING	3000 x 600 (120" x 24")	3300 x 900 (132" x 36")			
G70-1	USE BOTH LANES TO MERGE POINT	3300 x 1050 (132" x 42")				
G70-2	MERGE HERE TAKE YOUR TURN	3300 x 1050 (132" x 42")				
M 1-1	INTERSTATE ROUTE (marker)	600 x 600 (24" x 24")	750 x 600 (30" x 24")	900 x 900 (36" x 36")	1125 x 900 (45" x 36")	
M 1-2	INTERSTATE BUSINESS LOOP	600 x 600 (24" x 24")	750 x 600 (30" x 24")	900 x 900 (36" x 36")	1125 x 900 (45" x 36")	
M 1-3	INTERSTATE BUSINESS SPUR	600 x 600 (24" x 24")	750 x 600 (30" x 24")	900 x 900 (36" x 36")	1125 x 900 (45" x 36")	

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
		600 x 600 (24" x 24")	750 x 600 (30" x 24")	900 x 900 (36" x 36")	1125 x 900 (45" x 36")	
M 1-4	U.S. ROUTE (marker)	600 x 600 (24" x 24")	750 x 600 (30" x 24")	900 x 900 (36" x 36")	1125 x 900 (45" x 36")	
M 1-5	PENNSYLVANIA ROUTE (marker)	600 x 600 (24" x 24")	750 x 600 (30" x 24")	900 x 900 (36" x 36")	1125 x 900 (45" x 36")	
M 1-5A	PENNSYLVANIA TURNPIKE (marker)	900 x 900 (36" x 36")	1125 x 900 (45" x 36")			
M1-8	BICYCLEPA ROUTE (marker)	300 x 750 (12" x 30")				
M1-8A	BICYCLEPA ROUTE MARKER TURN ASSEMBLY	300 x 900 (12" x 36")				
M1-10	EISENHOWER INTERSTATE SYSTEM (2 pages)	900 x 900 (36" x 36")				
M 2-1	JUNCTION (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 2-1-1	INTERSTATE JUNCTION (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 3-1	NORTH (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-1-1	INTERSTATE NORTH (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-1-2	INTERSTATE BUSINESS NORTH (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-2	EAST (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-2-1	INTERSTATE EAST (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-3	SOUTH (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-3-1	INTERSTATE SOUTH (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-3-2	INTERSTATE BUSINESS SOUTH (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-4	WEST (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 3-4-1	INTERSTATE WEST (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-1	ALTERNATE MARKER	600 x 300 (24" x 12")	750 x 375 (30" x 15")			02-01-10
M 4-2	BY- PASS (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-3	BUSINESS (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-4	TRUCK (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-5	TO (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-5-1	INTERSTATE TO (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-6	END (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-8	DETOUR (marker)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
M 4-8A	END DETOUR	600 x 450 (24" x 18")	750 x 750 (30" x 30")	900 x 900 (36" x 36")		02-01-10
M 4-8-1	CAR DETOUR (marker)	600 x 600 (24" x 24")				
M 4-8-2	TRUCK DETOUR (marker)	600 x 600 (24" x 24")				
M4-9L	DETOUR, LEFT	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9R	DETOUR, RIGHT	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9S	DETOUR, STRAIGHT	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9SL	LEFT ADVANCE DETOUR	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9SR	RIGHT ADVANCE DETOUR	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9AL	LEFT ADVANCE 45° DETOUR	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9AR	RIGHT ADVANCE 45° DETOUR	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9BL	45° LEFT TURN DETOUR	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-9BR	45° RIGHT TURN DETOUR	750 x 600 (30" x 24")	1200 x 900 (48" x 36")			
M4-10L	DETOUR ARROW, LEFT	900 x 300 (36" x 12")	1200 x 450 (48" x 18")			
M4-10R	DETOUR ARROW, RIGHT	900 x 300 (36" x 12")	1200 x 450 (48" x 18")			
M4-10S	DETOUR ARROW, STRAIGHT	900 x 300 (36" x 12")	1200 x 450 (48" x 18")			
M 4-11	BEGIN (for D11-1)	600 x 150 (24" x 6")				06-30-08
M 4-12	END (for D11-1)	600 x 150 (24" x 6")				06-30-08
M 4-13	TO (for D11-1)	600 x 150 (24" x 6")				06-30-08
M 5-1L	ADVANCE 90° LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-1-1L	INTERSTATE ADVANCE 90° LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-1R	ADVANCE 90° RIGHT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-1-1R	INTERSTATE ADVANCE 90° RIGHT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-2L	ADVANCE 45° LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-2-1L	INTERSTATE ADVANCE 45° LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-2R	ADVANCE 45° RIGHT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 5-2-1R	INTERSTATE ADVANCE 45° RIGHT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-1	90° TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
M 6-1-1	INTERSTATE 90° TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-2L	45° LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-2-1L	INTERSTATE 45° LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-2R	45° RIGHT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-2-1R	INTERSTATE 45° RIGHT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-3	STRAIGHT THROUGH (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-3-1	INTERSTATE STRAIGHT THROUGH (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 6-4	90° RIGHT AND LEFT TURN (marker)	525 x 375 (21" x 15")	750 x 450 (30" x 18")			
M 7-1	HORIZONTAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
M 7-2	VERTICAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
M 7-3	DOUBLE HEADED DIAGONAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
M 7-4	DIAGONAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
M 7-5	DOUBLE HEADED HORIZONTAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
M 7-6	HORIZONTAL AND VERTICAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
M 7-7	VERTICAL AND DIAGONAL ARROW (for D11-1)	300 x 225 (12" x 9")				06-30-08
D 1-1	SINGLE-LINE DESTINATION	1200 x 200 (48" x 8")	1800 x 300 (72" x 12")			
D 1-1A	SINGLE-LINE DESTINATION MILEAGE	1200 x 200 (48" x 8")	1800 x 300 (72" x 12")			
D 1-2	DOUBLE-LINE DESTINATION	1200 x 400 (48" x 16")	1800 x 600 (72" x 24")			
D 1-2A	DOUBLE-LINE DESTINATION MILEAGE	1200 x 400 (48" x 16")	1800 x 600 (72" x 24")			
D 1-3	TRIPLE-LINE DESTINATION	1200 x 600 (48" x 24")	1800 x 900 (72" x 36")			
D 1-3A	TRIPLE-LINE DESTINATION MILEAGE	1200 x 600 (48" x 24")	1800 x 900 (72" x 36")			
D 2-1	SINGLE-LINE DISTANCE	1200 x 200 (48" x 8")	1800 x 300 (72" x 12")			
D 2-2	DOUBLE-LINE DISTANCE	1200 x 400 (48" x 16")	1800 x 600 (72" x 24")			
D 2-3	TRIPLE-LINE DISTANCE	1200 x 600 (48" x 24")	1800 x 900 (72" x 36")			
D 3-1	STREET NAME	VAR. x 150 (VAR." x 6")	VAR. x 200 (VAR." x 8")			06-30-08
D 3-2	SINGLE-LINE ADVANCE STREET NAME	1200 x 200 (48" x 8")	1800 x 300 (72" x 12")			06-30-08
D 3-3	DOUBLE-LINE ADVANCE STREET NAME	1200 x 400 (48" x 16")	1800 x 600 (72" x 24")			06-30-08
D 3-4	SINGLE-LINE OVERHEAD STREET NAME	1800 x 300 (72" x 12")	2400 x 400 (96" x 16")			
D 3-5	DOUBLE-LINE OVERHEAD STREET NAME	1800 x 525 (72" x 21")	2400 x 700 (96" x 28")	2400 x 800 (96" x 32")		
D 4-1	PARKING AREA	450 x 375 (18" x 15")	750 x 600 (30" x 24")			
D 4-2	PARK AND RIDE	750 x 900 (30" x 36")	900 x 1200 (36" x 48")			
D 4-10	DEPARTMENT RIDE SHARING PARKING LOT	1200 x 1200 (48" x 48")				02-01-10
D 5-1	REST AREA () MILE	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			
D 5-2	REST AREA ENTRANCE	1500 x 600 (60" x 24")				
D 5-5A	ROADSIDE TABLE	600 x 600 (24" x 24")				
D 5-5-1	() FEET (white-on-blue)	600 x 150 (24" x 6")				
D 5-6-1	VISITOR INFO	2400 x 450 (96" x 18")				
D 5-6-2	VENDING MACHINES	2400 x 450 (96" x 18")				
D 5-6-3	FREE RESERVATION SERVICE	2400 x 900 (96" x 36")				
D 6-2	ADVANCE SCENIC OVERLOOK	1200 x 900 (48" x 36")				
D 6-3	SCENIC OVERLOOK ENTRANCE	1800 x 600 (72" x 24")				
D 7-4	ATTRACTION	1200 x 400 (48" x 16")	1800 x 600 (72" x 24")			
D 8-1	ADVANCE WEIGH STATION	1500 x 1200 (60" x 48")	1950 x 1500 (78" x 60")	2400 x 1800 (96" x 72")		
D 8-2	WEIGH STATION NEXT RIGHT	1650 x 1350 (66" x 54")	2100 x 1800 (84" x 72")	2700 x 2250 (108" x 90")		
D 8-3	WEIGH STATION	1200 x 1050 (48" x 42")	1650 x 1500 (66" x 60")	2100 x 195 (84" x 78")		
D 9-1A	TELEPHONE WITH ARROW	450 x 600 (18" x 24")	600 x 750 (24" x 30")	750 x 900 (30" x 36")		
D 9-1B	TELEPHONE () MILE	450 x 600 (18" x 24")	600 x 750 (24" x 30")	750 x 900 (30" x 36")		
D 9-1-2	EMERGENCY TELEPHONE	750 x 600 (30" x 24")				
D 9-2	HOSPITAL	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D 9-2-2	SERVICES ARROW	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
D 9-3	CAMPING	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D 9-7	GAS	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D 9-8	FOOD	600 x 600 (24" x 24")	750 x 750 (30" x 30")			

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
D 9-9	LODGING	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D 9-10	VISITOR INFORMATION	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D 9-11	DIESEL	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D 9-14	STATE POLICE	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
D10-1	SINGLE-DIGIT DISTANCE MARKER	300 x 600 (12" x 24")				
D10-1A	SINGLE-DIGIT INTERMEDIATE DISTANCE MARKER	300 x 900 (12" x 36")				
D10-2	DOUBLE-DIGIT DISTANCE MARKER	300 x 900 (12" x 36")				
D10-2A	DOUBLE-DIGIT INTERMEDIATE DISTANCE MARKER	300 x 1200 (12" x 48")				
D10-3	TRIPLE-DIGIT DISTANCE MARKER	300 x 1200 (12" x 48")				02-01-10
D10-3A	TRIPLE-DIGIT INTERMEDIATE DISTANCE MARKER	300 x 1500 (12" x 60")				
D10-4	ENHANCED DISTANCE MARKER	450 x 1350 (18" x 54")				02-01-10
D11-1	BIKE ROUTE	600 x 450 (24" x 18")	750 x 600 (30" x 24")			
D12-2	CAR POOL INFORMATION	900 x 750 (36" x 30")	1350 x 1050 (54" x 42")	1800 x 1350 (72" x 54")		
D12-5	TRAVEL INFO CALL 511	1200 x 1500 (48" x 60")				02-01-10
D14-1	EMERGENCY DETOUR - FOLLOW (COLOR) ARROW	1800 x 1200 (72" x 48")				
D15-1	EMERGENCY DETOUR (COLOR) TRAILBLAZER	450 x 600 (18" x 24")	600 x 900 (24" x 36")			
D16-1	ALL TRAFFIC MUST EXIT	1500 x 1500 (60" x 60")				
I 1-1	TRAFFIC SIGNAL SPEED	300 x 450 (12" x 18")				
I 2-1	SPEED CHECK (marker)	75 x 600 (3" x 24")				
I 3-1	TURN ON HEADLIGHTS	1200 x 900 (48" x 36")	1800 x 1200 (72" x 48")			
I 3-1-1	HEADLIGHTS ON ?	1200 x 750 (48" x 30")				
I 4-1-2	INFORMATION ARROW	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
I-5	AIRPORT	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
I-5-1	SPECIFIC NAME (for I5)	600 x 300 (24" x 12")	750 x 375 (30" x 15")			
I-6	BUS STATION	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
I-6-1	STATION	600 x 200 (24" x 8")				
I-7	RAILROAD STATION	600 x 600 (24" x 24")	750 x 750 (30" x 30")			
I-8	LIBRARY	600 x 600 (24" x 24")				
I10-1	CITY NAME	900 x 300 (36" x 12")				
I10-2	BOROUGH NAME	900 x 300 (36" x 12")				
I10-3	VILLAGE NAME	900 x 300 (36" x 12")				
I10-4	TOWNSHIP NAME	900 x 300 (36" x 12")				
I10-5	COUNTY NAME	900 x 300 (36" x 12")				
I10-6	RIVER NAME	900 x 300 (36" x 12")	1200 x 600 (48" x 24")			
I10-7	MUNICIPALITY NAME	900 x 300 (36" x 12")				
I-11	RECYCLING CENTER	600 x 900 (24" x 36")				
I12-1	SNOWMOBILE ROAD	600 x 600 (24" x 24")	750 x 750 (30" x 30")			06-30-08
I12-1-1	ATV ROAD	600 x 600 (24" x 24")	750 x 750 (30" x 30")			06-30-08
I12-1-3	END (for D11-1)	600 x 150 (24" x 6")				
I-13A	EMERGENCY NOTIFICATION	750 x 450 (30" x 18")				
I13-2	PENNSYLVANIA WELCOMES YOU	3600 x 1950 (144" x 78")	4800 x 2700 (192" x 108")	6600 x 3600 (264" x 144")	7200 x 3600 (288" x 144")	
I13-2A	WELCOME TO PENNSYLVANIA (ALTERNATE)	1200 x 600 (48" x 24")	1800 x 900 (72" x 36")			
I13-3	MOUNTAIN SUMMIT AND ELEVATION	3000 x 1500 (120" x 60")	3600 x 1500 (144" x 60")			
I14-1	KEEP PA BEAUTIFUL DO NOT LITTER	1200 x 750 (48" x 30")				
I14-2	KEEP PA BEAUTIFUL SYMBOL	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
I14-3	KEEP PENNSYLVANIA BEAUTIFUL STATE OUTLINE	1200 x 750 (48" x 30")				
I14-4	LITTER FINE	750 x 600 (30" x 24")				
I14-5	NO DUMPING ALLOWED	600 x 450 (24" x 18")				
I14-6	BUCKLE - UP (Expressway and Freeway)	2400 x 1200 (96" x 48")				
I14-6A	BUCKLE - UP	600 x 750 (24" x 30")	750 x 900 (30" x 36")			
I15-1	PHOTO CENTER	450 x 300 (18" x 12")				
I15-2	PHOTO CENTER PARKING	450 x 450 (18" x 18")				
I15-3	PHOTO DRIVERS LICENSE CENTER	750 x 750 (30" x 30")				

NOMEN- CLATURE	DESCRIPTION	SIZES - mm (IN)				DATE APPROVED
<u>I15-4</u>	PHOTO CENTER DIRECTIONAL ARROW	450 x 150 (18" x 6")				
<u>I16-1</u>	COMMERCIAL DRIVER LICENSE TESTING SITE	750 x 450 (30" x 18")				
<u>I18-1</u>	OVERHEAD ROADWAY ID (NUMBERED TR)	VAR x 450 (VAR. x 18")				
<u>I30-1</u>	TRAFFIC SAFETY CHECK	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
<u>I30-2</u>	TRUCK SURVEY AHEAD	1200 x 1200 (48" x 48")				
<u>I40-1</u>	ADOPT-A-HIGHWAY, NEXT 2 MILES	900 x 450 (36" x 18")	1200 x 600 (48" x 24")			
<u>I40-2</u>	ADOPT-A-HIGHWAY, NEXT () MILES	900 x 450 (36" x 18")	1200 x 600 (48" x 24")			
<u>I40-3</u>	ADOPT-A-HIGHWAY, INTERCHANGE AREA	900 x 450 (36" x 18")	1200 x 600 (48" x 24")			
<u>I42-1</u>	NAME OF PERSON (one person)	900 x 200 (36" x 8")	1200 x 200 (48" x 8")			
<u>I42-2</u>	NAME OF PERSONS (two persons)	900 x 300 (36" x 12")	1200 x 450 (48" x 18")			
<u>I43-1</u>	GROUP NAME (one line)	900 x 200 (36" x 8")	1200 x 200 (48" x 8")			
<u>I43-2</u>	GROUP NAME (two line)	900 x 300 (36" x 12")	1200 x 450 (48" x 18")			
<u>I44-1</u>	ADOPT-A- HIGHWAY THANK YOU	900 x 300 (36" x 12")	1200 x 450 (48" x 18")			
<u>I45-1</u>	RECYCLING SERVICES	900 x 900 (36" x 36")				06-30-08
<u>I47-1</u>	BEAUTIFICATION AREA	900 x 300 (36" x 12")				02-01-10
<u>I47-2</u>	BEAUTIFICATION AREA SPONSOR	900 x 300 (36" x 12")				02-01-10
<u>I60-1</u>	D.U.I. YOU CAN'T AFFORD IT	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
<u>I70-1</u>	AGILITY	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			
<u>I80-1</u>	WATER SUPPLY AREA	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")	1200 x 1500 (48" x 60")	2250 x 2550 (90" x 102")	06-30-08
<u>I85-1</u>	FENDER BENDER	4050 x 1800 (162" x 72")				
<u>I92-1</u>	SLOW DOWN MY DADDY WORKS HERE	1200 x 750 (48" x 30")	2400 x 1200 (96" x 48")			
<u>I98-1</u>	SAFETY BREAK FREE COFFEE	2400 x 1800 (96" x 72")				
<u>S 1-1</u>	SCHOOL	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
<u>S 3-1</u>	SCHOOL BUS STOP AHEAD	750 x 750 (30" x 30")	900 x 900 (36" x 36")			
<u>S 3-1-1</u>	SCHOOL BUS TURN AROUND	750 x 750 (30" x 30")				
<u>S 3-3</u>	SCHOOL BUS CROSSING	750 x 750 (30" x 30")	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")		
<u>S 4-3</u>	SCHOOL (panel)	600 x 200 (24" x 8")				
<u>S 4-4</u>	WHEN FLASHING	600 x 250 (24" x 10")				
<u>S 4-5</u>	REDUCED SPEED (SCHOOL) ZONE AHEAD	900 x 900 (36" x 36")	1200 x 1200 (48" x 48")			06-30-08
<u>S 5-2</u>	END SCHOOL ZONE	600 x 750 (24" x 30")	900 x 1200 (36" x 48")			06-30-08
<u>OM1-3</u>	OBJECT MARKER (yellow reflectorized blank)	450 x 450 (18" x 18")				
<u>OM4-3</u>	END OF ROADWAY MARKER (red reflectorized blank)	450 x 450 (18" x 18")				
<u>OM-3L</u>	LEFT CLEARANCE MARKER (black & yellow)	300 x 900 (12" x 36")	450 x 900 (18" x 36")			
<u>OM-3R</u>	RIGHT CLEARANCE MARKER (black & yellow)	300 x 900 (12" x 36")	450 x 900 (18" x 36")			
<u>---</u>	STANDARD ARROW					



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

Bureau of Highway Safety & Traffic Engineering



**HANDBOOK
OF
APPROVED
SIGNS**

PART I

Regulatory Signs (R-Series)

PUBLICATION 236M

PUB 236M (1-06)

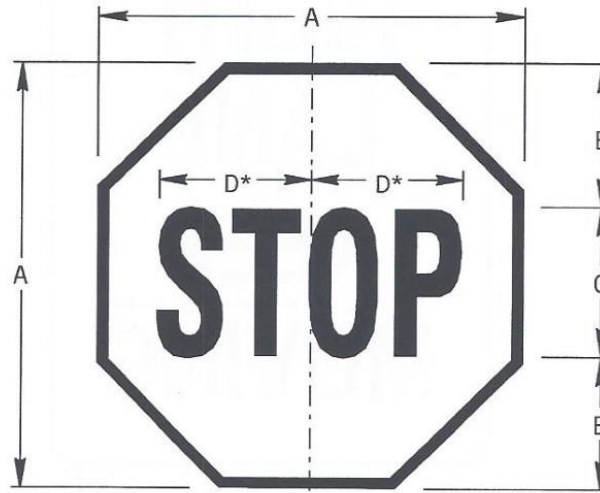
R1-1

STOP SIGN

(a) Justification. The Stop Sign (R1-1) is authorized for use on those streets or highways which intersect with a through highway or at a stop intersection so designated by the Department with reference to State-designated highways or local authorities with reference to highways under their jurisdiction. The R1-1 sign is also authorized for use in work zones involving one-lane, two-way roadways. At intersections where all approaches are controlled by an R1-1 sign, a supplemental plaque (R1-3 or R1-4) shall be mounted below each R1-1 sign.

(b) Authorization. Before local authorities designate any highway as a through highway or stop intersection which will intersect or affect a State-designated highway, approval of such designation shall first be obtained from the Department. Approval to install R1-1 signs in work areas shall not require the approval of the Department or local authorities when the conditions stipulated in Publication 203M (relating to work zone traffic control) are satisfied.

(c) Size. The standard size R1-1 sign shall be 750 mm by 750 mm (30" x 30"); however, on low-speed minor roads and secondary streets, a 600 mm by 600 mm (24" x 24") sign may be used.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	D	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	200 (8)	200C (8C)	254 (10)	15 (0.6)	B1-600 (B1-24)
750 x 750 (30" x 30")	250 (10)	250C (10C)	318 (12.6)	20 (0.8)	B1-750 (B1-30)
900 x 900 (36" x 36")	300 (12)	300C (12C)	381 (15)	20 (0.8)	B1-900 (B1-36)
1200 x 1200 (48" x 48")	400 (16)	400C (16C)	508 (20)	30 (1.2)	B1-1200 (B1-48)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

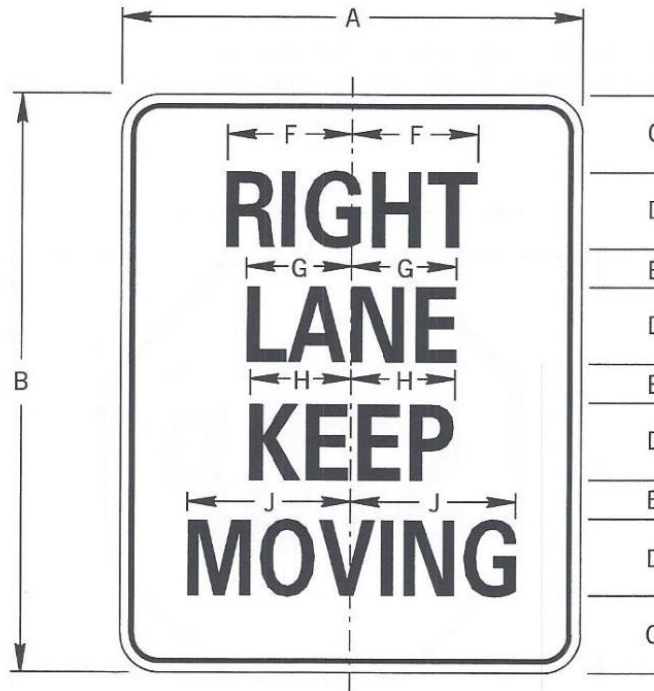
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-1A

RIGHT LANE KEEP MOVING SIGN

(a) Justification. The Right Lane Keep Moving Sign (R1-1A) may be used at a signalized intersection when the right-turn lane is channelized through the turn and becomes an added channelized lane on the intersecting roadway.

(b) Placement. When used, the R1-1A sign should be positioned on the right side of the applicable lane.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	100D (4D)	60 (2.4)	187 (7.3)	163 (6.4)	160 (6.3)	244 (9.7)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	95 (3.8)	125D (5D)	70 (2.8)	233 (9.1)	204 (8)	200 (7.9)	305 (12.1)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

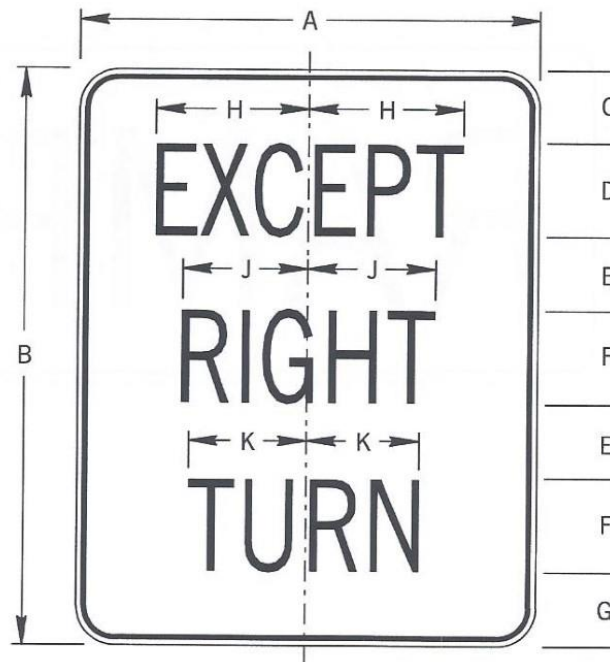
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-1-1

EXCEPT RIGHT TURN SIGN

(a) Justification. The Except Right Turn Sign (R1-1-1) will be authorized for use with a Stop Sign to allow right-turn movements without stopping at an intersection where the major flow of traffic makes a right-hand turn rather than proceeding straight through. Its use should be limited to those locations where a significant energy saving can be realized by minimizing the number of vehicles required to stop or substantially reduce their speed. Care should be taken to insure that no traffic conflicts exist.

(b) Placement. When used, the R1-1-1 sign shall be mounted below the Stop Sign (R1-1) on the approach with the heavy right-turn movement.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	100 (4)	125B (5B)	90 (3.6)	125C (5C)	95 (3.8)	202 (7.9)	196 (7.7)	174 (6.8)	10 (0.4)	20 (0.8)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

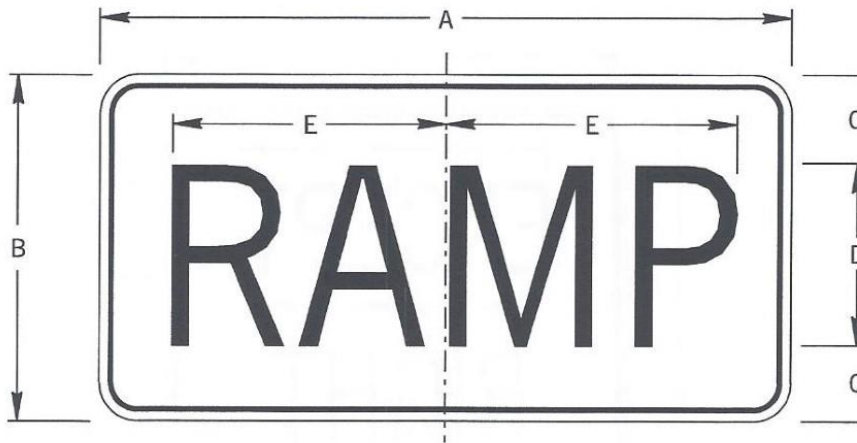
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-1-2

RAMP SIGN

The Ramp Sign (R1-1-2) may be used with a temporary Stop Sign (R1-1) installed on a ramp to control ramp traffic in a construction area. When used, the R1-1-2 sign shall be installed directly above the Stop Sign. The 900 mm by 450 mm (36" x 18") sign is to be used with a 900 mm by 900 mm (36" x 36") Stop Sign and the 1200 mm by 600 mm (48" x 24") sign is to be used with a 1200 mm by 1200 mm (48" x 48") Stop Sign.



DIMENSIONS – mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 450 (36" x 18")	100 (4)	250C (10C)	371 (14.6)	10 (0.4)	15 (0.6)	B5-900450 (B5-3618)
1200 x 600 (48" x 24")	125 (5)	350C (14C)	520 (20.5)	15 (0.6)	20 (0.8)	B5-1200600 (B5-4824)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

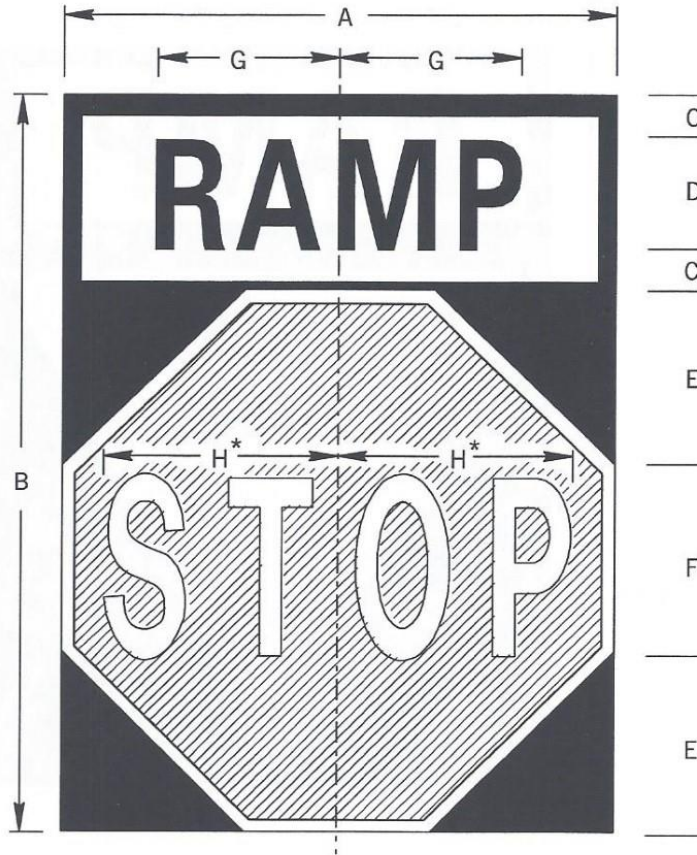
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-1-3

RAMP STOP SIGN

The Ramp Stop Sign (R1-1-3) shall be used in work zone traffic control situations that require roll up signs.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER
900 x 1200 (36" x 48")	50 (2)	200C (8C)	300 (12)	300C (12C)	296 (11.7)	381 (15)	20 (0.8)
1200 x 1500 (48" x 60")	50 (2)	200D (8D)	400 (16)	400C (16C)	363 (14.3)	508 (20)	30 (1.2)

* REDUCE SPACING 40%

COLOR:

RAMP LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

RAMP BACKGROUND:
WHITE (REFLECTORIZED)

STOP LEGEND AND OCTAGON BORDER:
WHITE (REFLECTORIZED)

STOP BACKGROUND:
RED (REFLECTORIZED)

STOP CORNERS:
BLACK (NON-REFLECTORIZED)

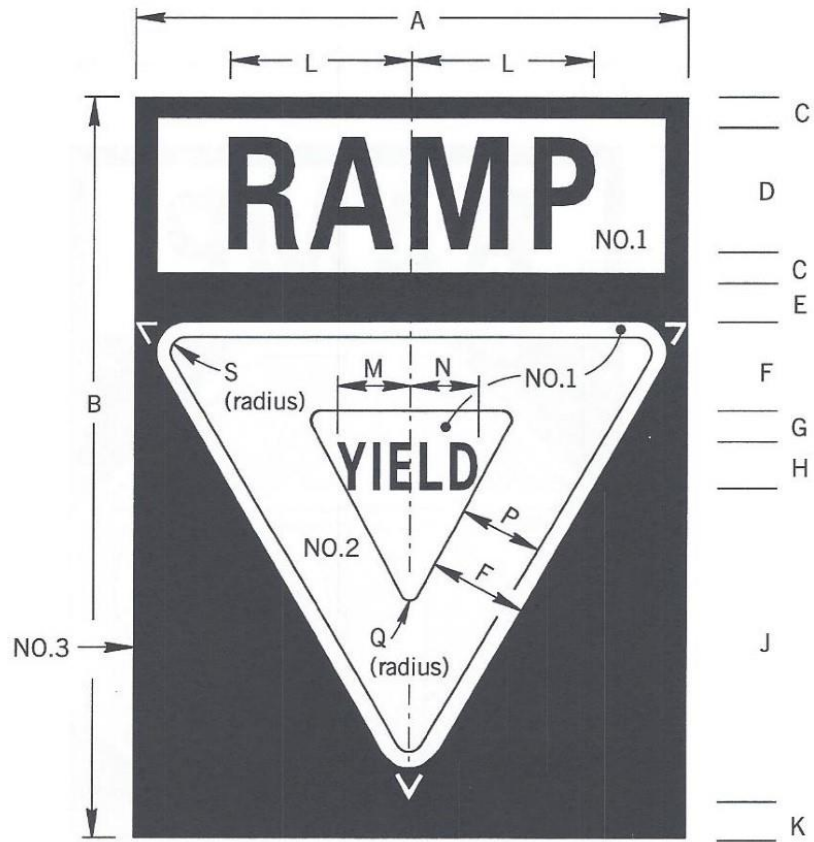
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-1-4

RAMP YIELD SIGN

The Ramp Yield Sign (R1-1-4) shall be used in work zone traffic control situations that require roll up signs.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L
900 x 1200 (36" x 48")	50 (2)	200C (8C)	61 (2.4)	145 (5.8)	50 (2)	75C (3C)	509 (20.4)	60 (2.4)	296 (11.7)
1200 x 1500 (48" x 60")	50 (2)	200D (8D)	81 (3.2)	175 (7)	70 (2.8)	100C (4C)	694 (27.8)	80 (3.2)	363 (14.3)

DIMENSIONS - mm (IN)						
SIGN SIZE A x B	M	N	P	Q	S	BOR- DER
900 x 1200 (36" x 48")	120 (4.8)	111 (4.4)	125 (5)	30 (1.2)	50 (2)	20 (0.8)
1200 x 1500 (48" x 60")	160 (6.4)	148 (5.8)	150 (6)	50 (2)	75 (3)	25 (1)

COLOR:

RAMP LEGEND & BORDER:
BLACK (NON-REFLECTORIZED)

RAMP & YIELD BACKGROUND (NO.1):
WHITE (REFLECTORIZED)

YIELD BORDER (NO.1):
WHITE (REFLECTORIZED)

YIELD LEGEND & BORDER (NO.2):
RED (REFLECTORIZED)

SIGN BORDER &
YIELD BACKGROUND (NO.3):
BLACK (NON-REFLECTORIZED)

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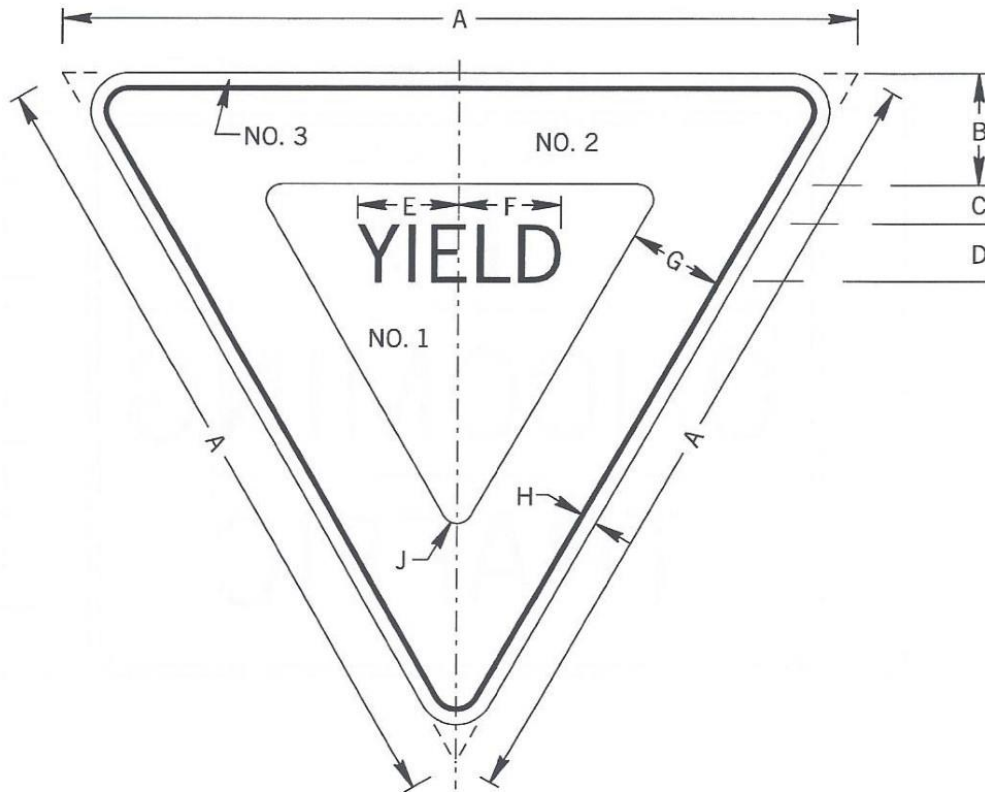
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-2

YIELD SIGN

(a) Justification. The Yield Sign (R1-2) shall be authorized for use when it is necessary to assign the right-of-way but when a full stop is not necessary at all times; however, it should not be used when an adequate acceleration lane is provided.

(b) Size. The standard size of the R1-2 sign shall be 900 mm (36") per side. The minimum size for expressways shall be 1200 mm (48") per side.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	BLANK STD.
900 x 900 (36" x 36")	145 (5.8)	50 (2)	75C (3C)	120 (4.8)	111 (4.4)	125 (5)	20 (0.8)	30 (1.2)	B2-900 (B2-36)
1200 x 1200 (48" x 48")	175 (7)	70 (2.8)	100C (4C)	160 (6.3)	148 (5.8)	150 (6)	25 (1)	50 (2)	B2-1200 (B2-48)
1500 x 1500 (60" x 60")	240 (9.6)	90 (3.6)	125C (5C)	200 (7.9)	185 (7.4)	200 (8)	40 (1.6)	60 (2.4)	B2-1500 (B2-60)

COLOR:

- NO. 1 - LEGEND:
RED (REFLECTORIZED)
BACKGROUND:
WHITE (REFLECTORIZED)
- NO. 2 - BORDER:
RED (REFLECTORIZED)
- NO. 3 - MARGIN:
WHITE (REFLECTORIZED)

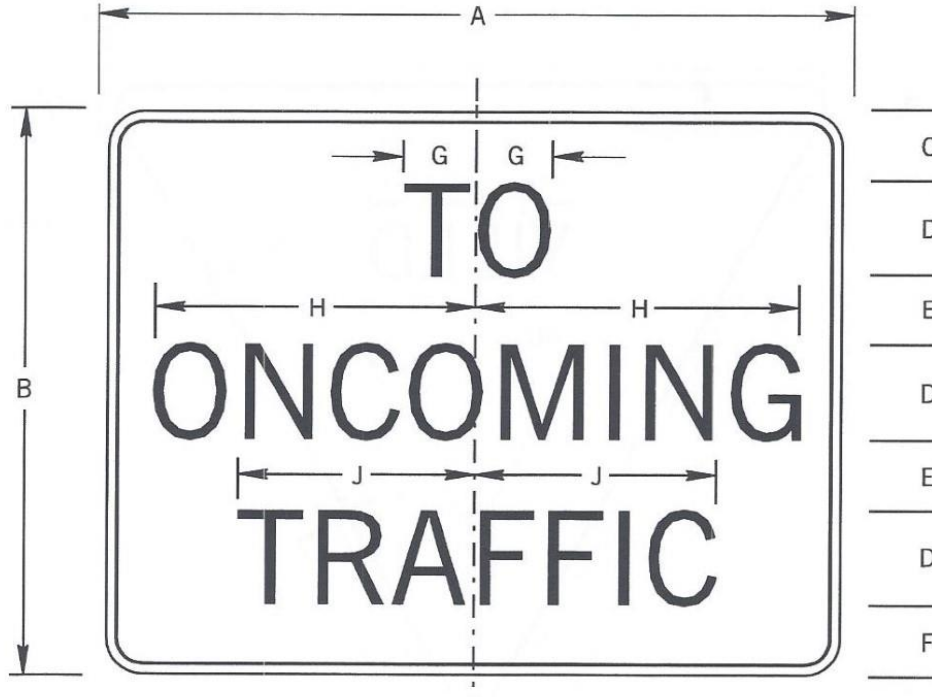
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-2A

TO ONCOMING TRAFFIC SIGN

The To Oncoming Traffic Sign (R1-2A) may be used in conjunction with a Yield Sign (R1-2) and yield markings when placed prior to one-lane bridge or a one-lane underpass. When used, the R1-2A sign shall be mounted below the Yield Sign (R1-2).



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	62 (2.5)	75D (3D)	50 (2)	63 (2.5)	55 (2.2)	250 (10)	193 (7.8)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

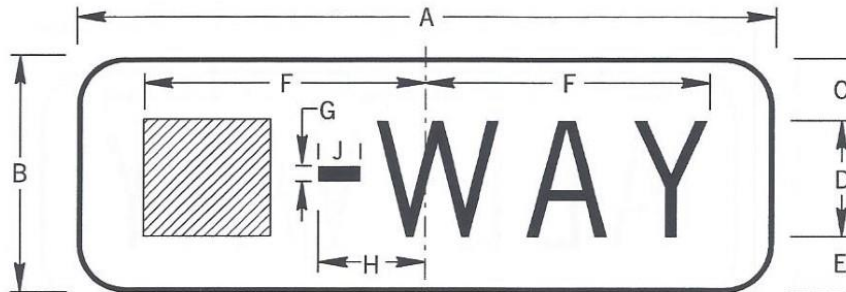
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-3

MULTIWAY STOP SIGN

(a) Justification. The Multiway Stop Sign (R1-3) may be used below the Stop Sign (R1-1) at multiway stop intersections to indicate the number of stop approaches.

(b) Size. The standard size R1-3 sign is 300 mm by 150 mm (12" x 6").



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
300 x 150 (12" x 6")	38 (1.5)	75C (3C)	37 (1.5)	125 (5)	10 (0.4)	70 (2.8)	25 (1)	10 (0.4)	B5-300150 (B5-1206)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

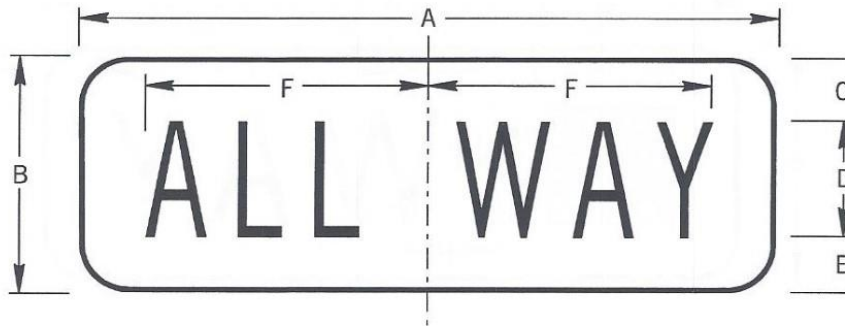
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-4

MULTIWAY STOP SIGN (ALL WAY)

(a) Justification. The Multiway Stop Sign (All Way) (R1-4) may be used below the Stop Sign (R1-1) at multiway stop intersections to indicate that all approaches stop.

(b) Size. The standard size R1-4 sign is 450 mm by 150 mm (18" x 6").



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	BOR- DER	BLANK STD.
450 x 150 (18" x 6")	38 (1.5)	75C (3C)	37 (1.5)	186 (7.3)	10 (0.4)	B5-450150 (B5-1806)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-4-1

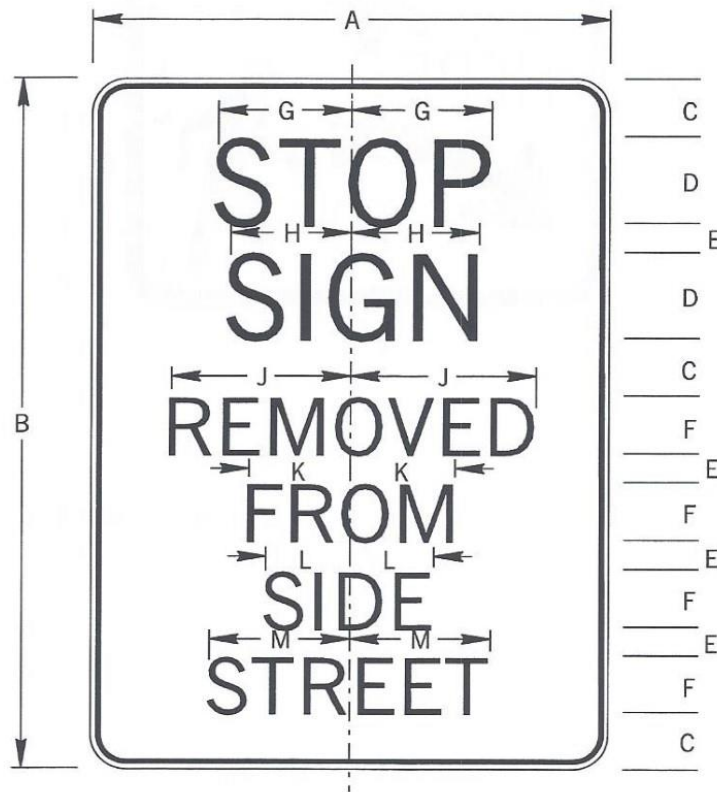
STOP SIGN REMOVED FROM SIDE STREET SIGN

(a) Justification.

(1) 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.

(2) In the particular case when stop signs are to be removed, a temporary multiway stop intersection should normally first be authorized for approximately six weeks for those intersections with a combined average daily traffic volume in excess of 500 vehicles. After the original stop signs are removed, the R1-4-1 sign shall be authorized for six weeks beneath remaining stop signs.

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



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	50 (2)	75E (3E)	25 (1)	50E (2E)	146 (5.7)	127 (5)	180 (7.1)	101 (4)	84 (3.3)	142 (5.6)	10 (0.4)	10 (0.4)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

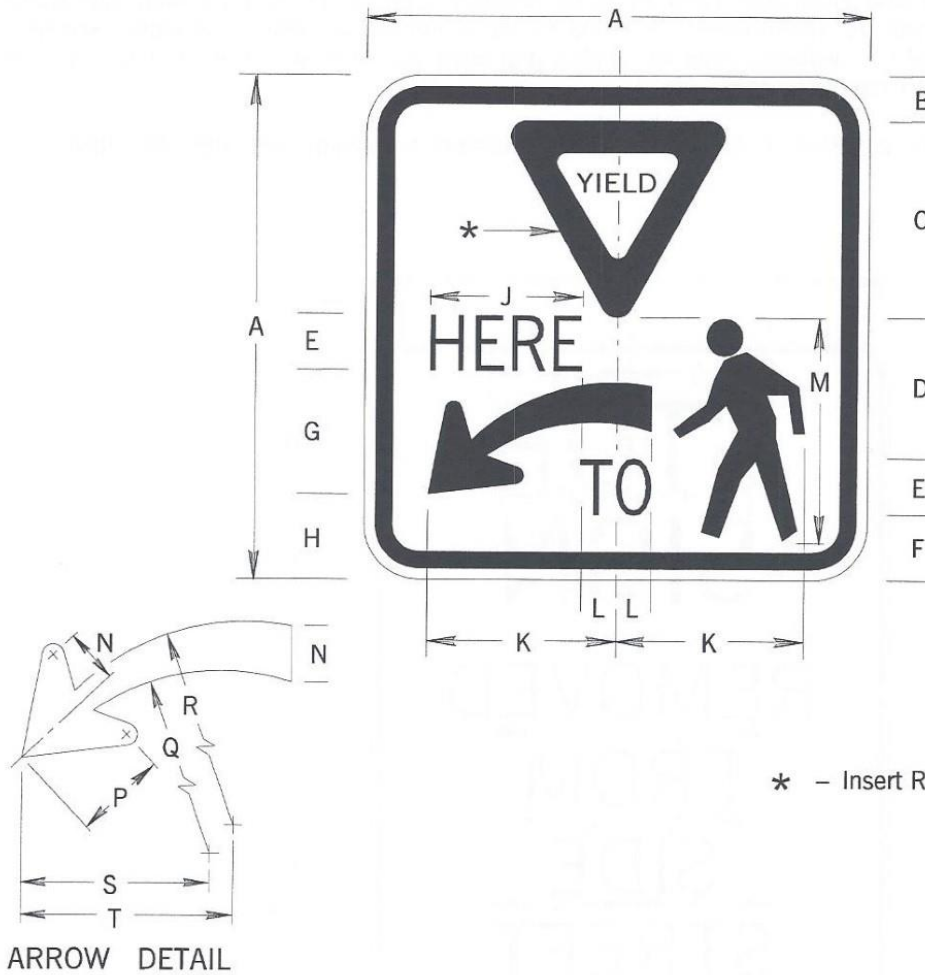
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-5L

YIELD HERE TO PEDESTRIAN WITH LEFT ARROW SIGN

(a) Justification. The Yield Here to Pedestrian with Left Arrow Sign (R1-5L) is authorized for use on the right side of the roadway, adjacent to a yield line in advance of an unsignalized midblock crosswalk.

(b) Placement. When used, the R1-5L sign and yield line should be installed 6.1 to 15 m (20 to 50 feet) in advance of the nearest crosswalk line.



DIMENSIONS - mm (IN)														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	40 (1.6)	175 (7)	125 (5)	50C (2C)	59 (2.4)	111 (4.4)	75 (3)	136 (5.4)	165 (6.6)	31 (1.2)	195 (7.8)	10 (0.4)	16 (0.6)	B3-450 (B3-18)
ARROW DETAIL DIMENSIONS	N	P	Q	R	S	T								
	40 (1.6)	67 (2.7)	164 (6.6)	180 (7.2)	150 (6)	167 (6.7)								

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

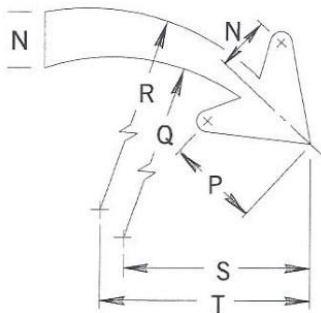
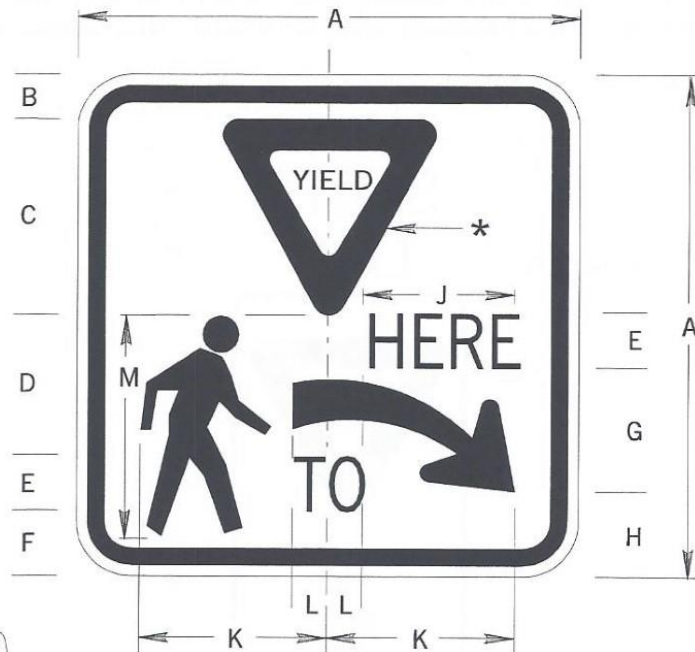
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R1-5R

YIELD HERE TO PEDESTRIAN WITH RIGHT ARROW SIGN

(a) Justification. The Yield Here to Pedestrian with Right Arrow Sign (R1-5R) is authorized for use on the left side of the roadway, adjacent to a yield line in advance of an unsignalized midblock crosswalk.

(b) Placement. When used, the R1-5R sign and yield line should be installed 6.1 to 15 m (20 to 50 feet) in advance of the nearest crosswalk line.



ARROW DETAIL

* - Insert R1-2 sign and size to fit.

DIMENSIONS - mm (IN)

SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	40 (1.6)	175 (7)	125 (5)	50C (2C)	59 (2.4)	111 (4.4)	75 (3)	136 (5.4)	165 (6.6)	31 (1.2)	195 (7.8)	10 (0.4)	16 (0.6)	B3-450 (B3-18)
ARROW DETAIL DIMENSIONS	N	P	Q	R	S	T								
	40 (1.6)	67 (2.7)	164 (6.6)	180 (7.2)	150 (6)	167 (6.7)								

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

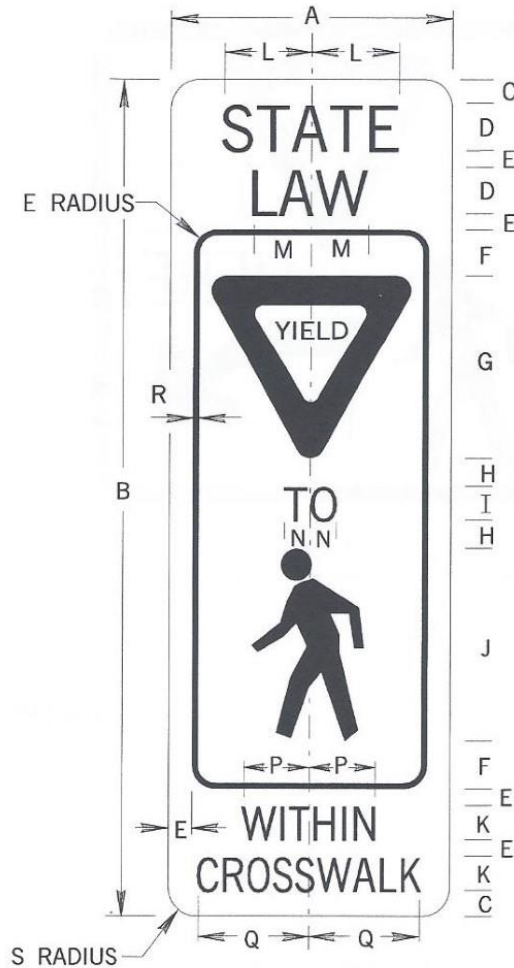
By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 in the vicinity of 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 should be positioned on the centerline of the roadway in the vicinity of the crosswalk. It should not be positioned on roadways with a speed limit greater than 35 mph or with a clear roadway width of less than 6 m (20 feet). In addition, it should not be used at locations where it will adversely affect the turning radius of motor vehicles.



DIMENSIONS - mm (IN)																
SIGN SIZE A x B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S
300 x 900 (12" x 36")	26 (1)	50D (2D)	18 (0.75)	50 (2)	196 (7.8)	33 (1.2)	38D (1.5D)	200 (8.2)	38C (1.5C)	93 (3.7)	62 (2.5)	28 (1.1)	67 (2.8)	120 (4.7)	5 (0.25)	40 (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 : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R2-1

SPEED LIMIT SIGN

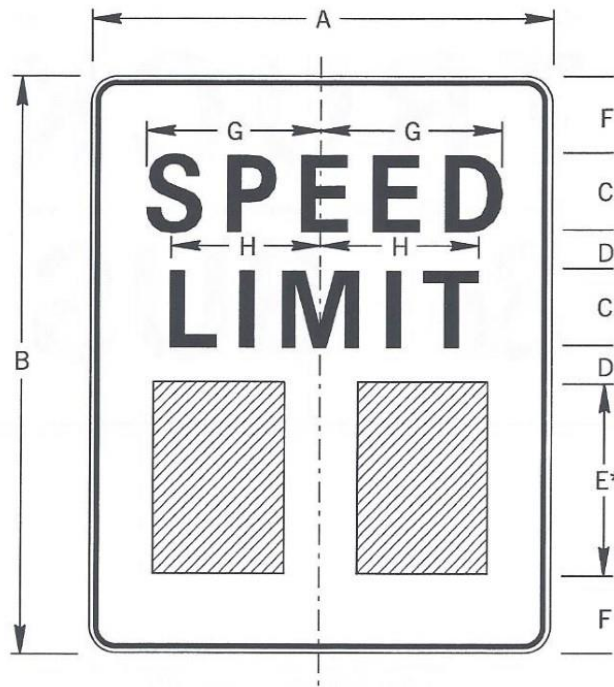
The Speed Limit Sign (R2-1) shall be authorized for use to display the maximum legal speed limit on a highway. When used as a variable speed limit sign, speed display module(s) may be attached to the sign or inserted through cut-outs in the sign substrate.

The R2-1 Sign shall be placed at intervals as specified in Department regulations. The standard size signs shall be as follows:

(1) 600 mm by 750 mm (24" x 30"). All two-lane highways having any speed limit and other conventional highways with three or more lanes and a speed limit of 40 MPH (65 km/h) or below.

(2) 750 mm by 900 mm (30" x 36"). Conventional highways with three or more lanes and a speed limit of 45 MPH (70 km/h) or above.

(3) 1200 mm by 1500 mm (48" x 60"). Expressways and freeways.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	100E (4E)	50 (2)	250E (10E)	100 (4)	244 (9.6)	187 (7.3)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	125E (5E)	50 (2)	300E (12E)	125 (5)	305 (12)	234 (9.1)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)
1200 x 1500 (48" x 60")	200E (8E)	150 (6)	500E (20E)	150 (6)	486 (19.1)	372 (14.6)	20 (0.8)	30 (1.2)	B5-15001200 (B5-6048)

* OPTICALLY SPACE NUMERALS ABOUT VERTICAL ϕ

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

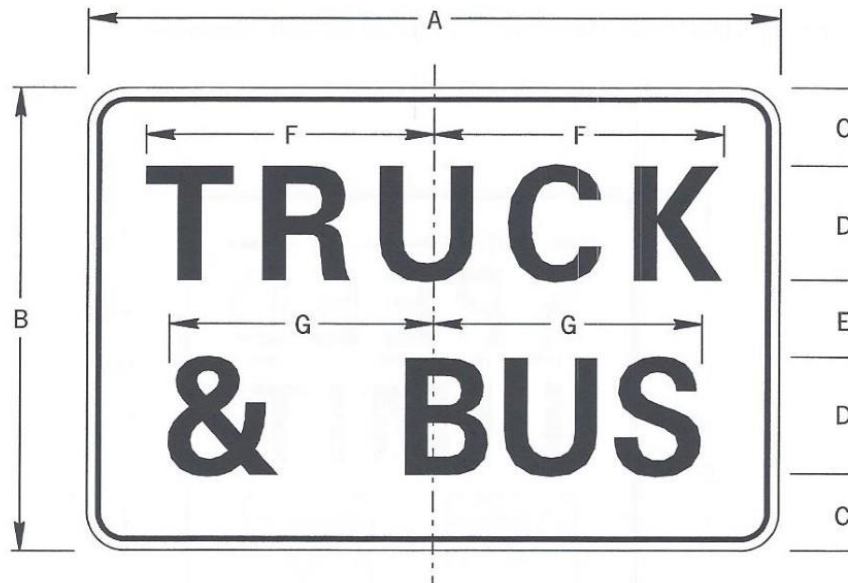
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R2-2

TRUCK AND BUS PLAQUE

The Truck and Bus Plaque (R2-2) may be used above a Speed Limit Sign (R2-1), a turn prohibition sign, or other appropriate regulatory sign in order to effect a restriction authorized as a result of an engineering and traffic study.

When used, the R2-2 plaque should be the same width as the regulatory sign it supplements.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	100 (4)	150C (6C)	100 (4)	262 (10.3)	248 (9.8)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
900 x 600 (36" x 24")	100 (4)	150E (6E)	100 (4)	371 (14.6)	347 (13.7)	15 (0.6)	25 (1)	B5-900600 (B5-3624)
1200 x 900 (48" x 36")	175 (7)	200E (8E)	150 (6)	494 (19.4)	462 (18.3)	15 (0.6)	25 (1)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

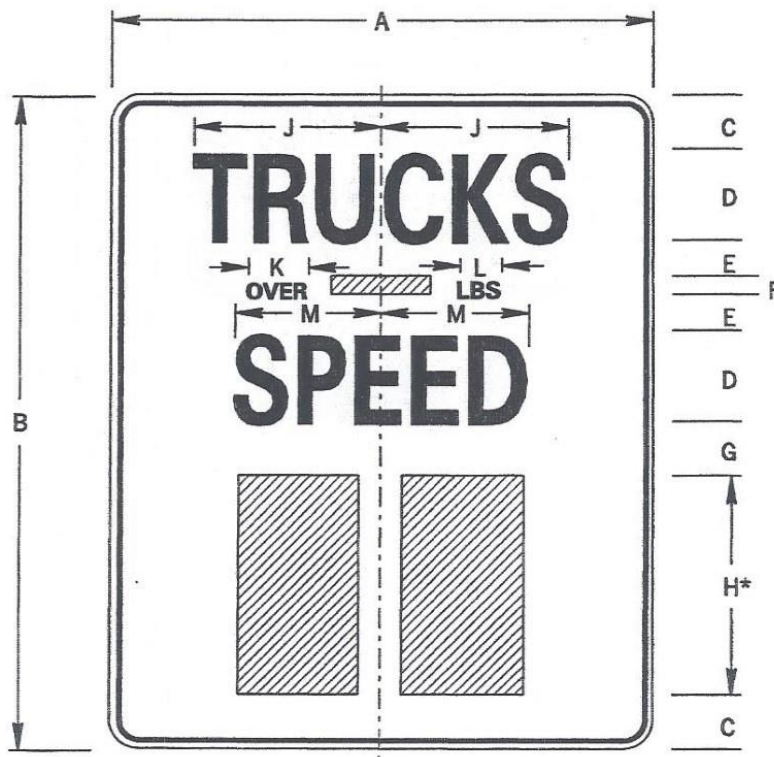
R2-2-1

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 900 mm by 1200 mm (36" x 48") when used at the beginning of the zone. When used within the zone the standard size should be 750 mm by 900 mm (30" x 36").



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	75 (3)	125D (5D)	50 (2)	25C (1C)	75 (3)	300E (12E)	318 (12.5)	70 (2.8)	49 (2.0)	259 (10.2)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)
900 x 1200 (36" x 48")	115 (4.6)	150D (6D)	75 (3)	50C** (2C**)	95 (3.8)	375E (15E)	381 (15)	140 (5.5)	99 (3.9)	310 (12.2)	15 (0.6)	25 (1)	B5-1200900 (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

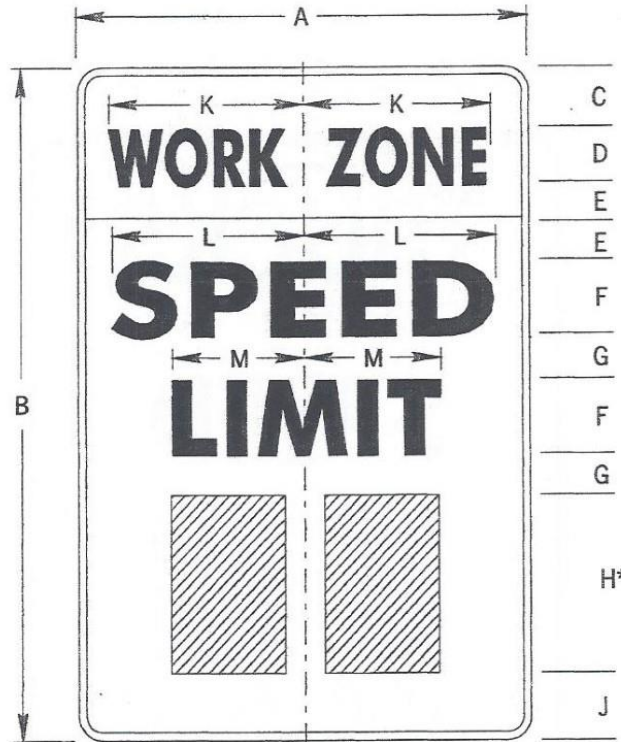
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R2-2-2

WORK ZONE SPEED LIMIT SIGN

The Work Zone Speed Limit Sign (R2-2-2) is authorized for use to display the maximum legal speed limit in work zones. When used, R2-2-2 signs shall be placed on approaches to the work zone and at intervals not greater than 800 m (0.5 mile) throughout the work zone. When used in conjunction with a Flagger Symbol Sign (W20-7A) the R2-2-2 sign should precede the W20-7A sign.

The minimum size R2-2-2 sign shall be 900 mm by 1350 mm (36" x 54") on expressways and freeways, and 600 mm by 900 mm (24" x 36") on all other highways. The 900 mm by 1500 mm (36" x 60") size may be used for roll-up signs.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
600 x 900 (24" x 36")	80 (3.2)	75C (3C)	55 (2.2)	100E (4E)	50 (2)	250E (10E)	85 (3.4)	259 (10.2)	244 (9.6)	187 (7.3)	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)
900 x 1350 (36" x 54")	110 (4.4)	100C (4C)	90 (3.6)	150E (6E)	100 (4)	350E (14E)	110 (4.4)	345 (13.6)	365 (14.4)	279 (11.1)	15 (0.6)	25 (1)	—
900 x 1500 (36" x 60") (ROLL-UP)	140 (5.6)	100C (4C)	110 (4.4)	150E (6E)	125 (5)	350E (14E)	140 (5.6)	345 (13.6)	365 (14.4)	279 (11.1)	15 (0.6)	25 (1)	—

* OPTICALLY SPACE NUMERALS ABOUT VERTICAL C

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

TOP BACKGROUND:
ORANGE (REFLECTORIZED)

BOTTOM BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R2-5

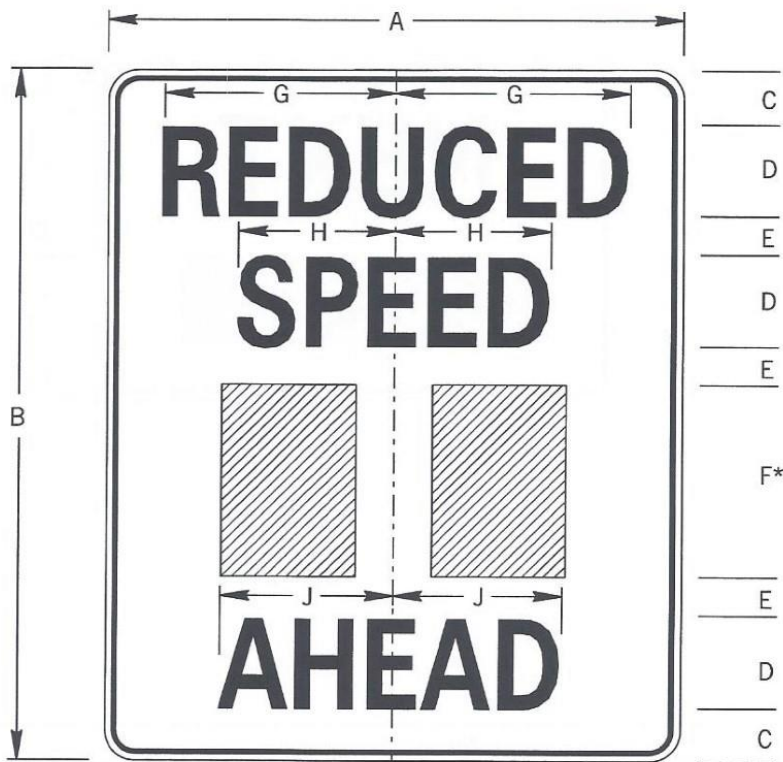
REDUCED SPEED () AHEAD SIGN

The Reduced Speed () Ahead Sign (R2-5) shall be used to indicate a reduced speed zone is ahead.

The R2-5 sign shall be placed in accordance with Department regulations (relating to speed limits; bridge speed limits; and hazardous grade speed limits).

The R2-5 sign may also be used in conjunction with a School Panel (S4-3) prior to a school zone speed limit when sight distance to the school zone is limited. When this configuration is used, the S4-3 panel shall be mounted above the R2-5 sign, along with a Restricted Hours Panel (R10-20A) mounted beneath the R2-5 sign.

The size of the R2-5 sign shall be the same as the size of the R2-1 or R2-2-1 signs utilized along the same roadway.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	65 (2.6)	100C (4C)	40 (1.6)	200D (8D)	248 (9.8)	173 (6.8)	179 (7.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	70 (2.8)	125C (5C)	45 (1.8)	250D (10D)	310 (12.2)	217 (8.5)	223 (8.8)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)
900 x 1200 (36" x 48")	114 (4.5)	150C (6C)	74 (3)	300D (12D)	371 (14.6)	259 (10.2)	267 (10.6)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	134 (5.3)	200C (8C)	94 (3.8)	350D (14D)	495 (19.5)	346 (13.6)	356 (14)	20 (0.8)	30 (1.2)	B5-15001200 (B5-6048)

* OPTICALLY SPACE NUMERALS ABOUT VERTICAL C

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

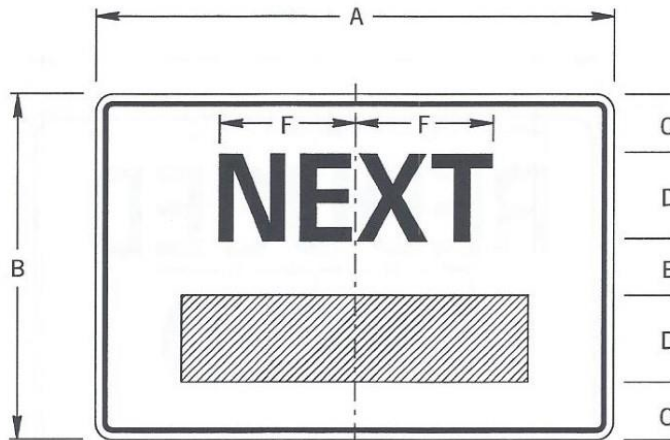
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R2-9

NEXT () SIGN

The Next () Sign (R2-9) may be used beneath any regulatory sign to show the distance to the end of the restriction. The distance may be shown in feet or miles.



DIMENSIONS- mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 450 (30" x 18")	75 (3)	100D (4D)	100 (4)	159 (6.2)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)
900 x 600 (36" x 24")	100 (4)	150D (6D)	100 (4)	237 (9.4)	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)
1200 x 750 (48" x 30")	112 (4.5)	200D (8D)	126 (5)	317 (12.5)	15 (0.6)	20 (0.8)	B5-1200750 (B5-4830)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

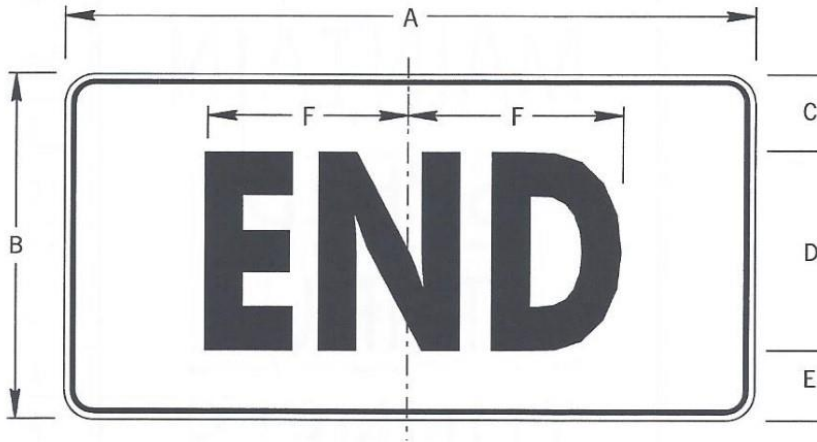
R2-10

END SIGN

The End Sign (R2-10) shall be authorized for use as a supplemental sign to indicate the end of a hazardous grade speed limit, center lane left turn only restriction, or a left lane must turn left restriction. In addition, the R2-10 sign may be used at the end of a speed limit when a speed limit is not posted on the following section of highway.

The R2-10 sign shall be placed directly above the last primary sign at the end of the restricted zone.

The width of the R2-10 sign shall be the same as the primary sign.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	75 (3)	150D (6D)	75 (3)	181 (7.1)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	88 (3.5)	200D (8D)	87 (3.5)	242 (9.6)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)
900 x 450 (36" x 18")	113 (4.5)	225D (9D)	112 (4.5)	273 (10.7)	10 (0.4)	15 (0.6)	B5-900450 (B5-3618)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

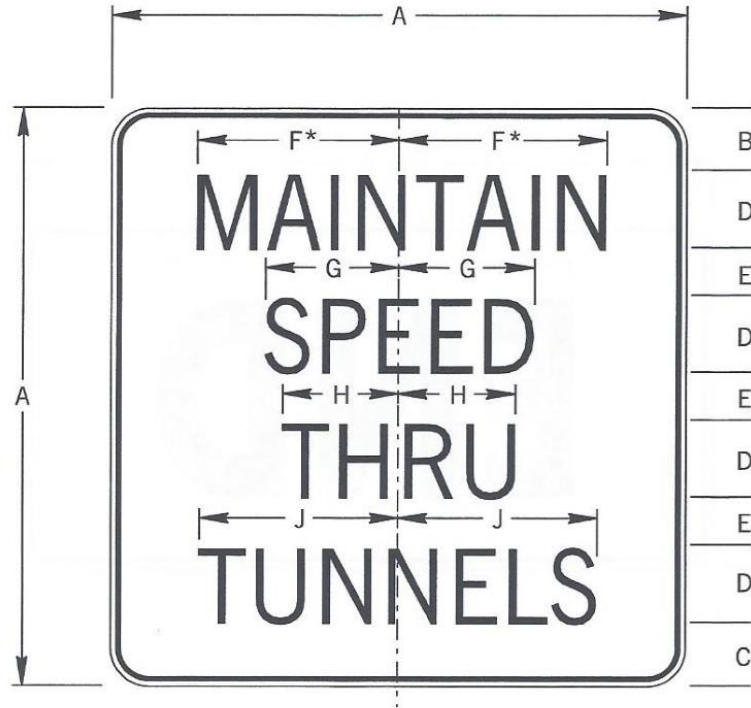
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R2-15

MAINTAIN SPEED THRU TUNNELS SIGN

The Maintain Speed Thru Tunnels Sign (R2-15) may be used in advance of tunnels where a stopped or slow moving vehicle would create a potentially dangerous situation. If only one tunnel exists, the "S" should be eliminated on "TUNNELS" and the spacing readjusted.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	163 (6.5)	162 (6.5)	200E (8E)	125 (5)	683 (26.9)	486 (19.1)	391 (15.4)	689 (27.1)	20 (0.8)	25 (1)	B3-1500 (B3-60)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

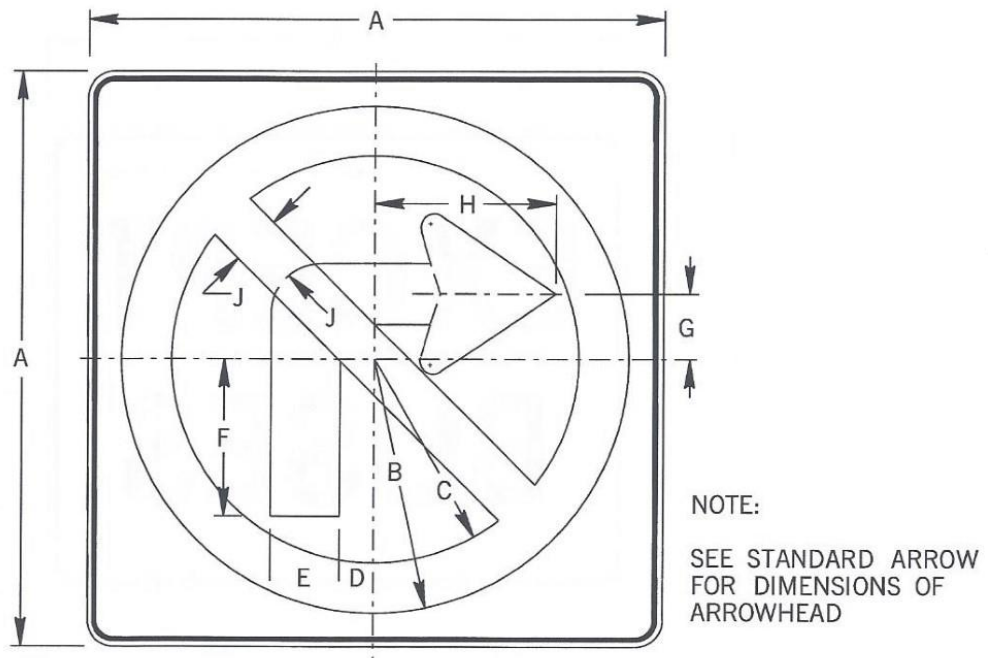
R3-1

NO RIGHT TURN SIGN

(a) Justification. The No Right Turn Sign (R3-1) shall be authorized to prohibit right turns.

(b) Placement. The R3-1 sign shall be placed at the near right-hand corner of the intersection. An auxiliary sign with the same message may be used in advance of the intersection.

(c) Size. The standard size of the R3-1 sign shall be 600 mm by 600 mm (24" x 24") for post-mounted signs and 750 mm by 750 mm (30" x 30") for overhead installations. The standard size for expressways shall be 900 mm by 900 mm (36" x 36").



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	262 (10.5)	212 (8.5)	38 (1.5)	64 (2.6)	160 (6.4)	70 (2.8)	185 (7.4)	50 (2)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	330 (13.2)	265 (10.6)	45 (1.8)	80 (3.2)	205 (8.2)	85 (3.4)	235 (9.4)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	395 (15.8)	320 (12.8)	55 (2.2)	94 (3.8)	240 (9.6)	102 (4.1)	280 (11.2)	75 (3)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	525 (21)	425 (17)	75 (3)	126 (5)	325 (13)	138 (5.5)	375 (15)	100 (4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND DIAGONAL:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-1A

EXCEPT BUSES PLAQUE

The Except Buses Plaque (R3-1A) 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 R3-1A plaque should always be the same width as the sign it supplements.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.	
600 x 450 (24" x 18")	75 (3)	125C (5C)	50 (2)	256 (10.1)	222 (8.7)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)	
750 x 600 (30" x 24")	110 (4.4)	150C (6C)	80 (3.2)	307 (12.1)	265 (10.4)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-1B

TRUCKS OVER () FEET LONG PLAQUE

The Trucks Over () Feet Long Plaque (R3-1B) may be used to supplement turn restrictions or other restrictions which apply only to trucks over a designated length. The designated length should be determined by an engineering study.

When used, the R3-1B plaque should be mounted above the primary sign and should have the same width.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	85 (3.4)	100C (4C)	65 (2.6)	212 (8.4)	250 (9.8)	141 (5.6)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 600 (30" x 24")	85 (3.4)	100D (4D)	65 (2.6)	255 (10)	310 (12.3)	168 (6.7)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* REDUCE SPACING AS NEEDED

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-2

NO LEFT TURN SIGN

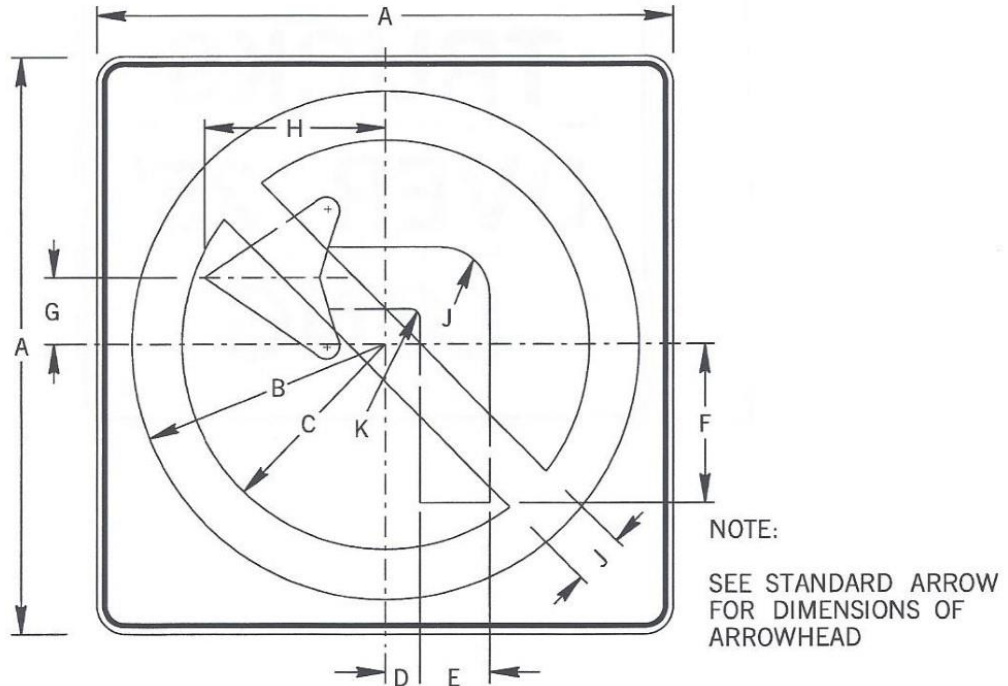
(a) Justification. The No Left Turn Sign (R3-2) shall be authorized for use to prohibit left turns.

(b) Placement.

(1) When the No Left Turn Sign (R3-2) is used on undivided streets, one sign should be placed at the near right-hand corner and one at the far left-hand corner. An exception is made when there are overhead traffic signals, in that case the sign on the near right-hand corner shall be eliminated and a sign shall be installed over the roadway near the traffic signal.

(2) On divided streets or highways this sign should be placed on both the near side and the far side ends of the medians unless the median width is insufficient to permit the installation of the signs; the signs should then be installed as indicated for undivided streets. When there are overhead traffic signals, the sign on the far side median should be eliminated and a R3-2 sign placed over the roadway near the traffic signal. An auxiliary sign with the same message may be used in advance of the intersection.

(c) Size. The standard size of the R3-2 sign shall be 600 mm by 600 mm (24" x 24") for post-mounted signs and 750 mm by 750 mm (30" x 30") for overhead installations. The standard size for expressways shall be 900 mm by 900 mm (36" x 36").



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	262 (10.5)	212 (8.5)	38 (1.5)	64 (2.6)	160 (6.4)	70 (2.8)	185 (7.4)	50 (2)	10 (0.4)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	330 (13.2)	265 (10.6)	45 (1.8)	80 (3.2)	205 (8.2)	85 (3.4)	235 (9.4)	65 (2.6)	15 (0.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	395 (15.8)	320 (12.8)	55 (2.2)	94 (3.8)	240 (9.6)	102 (4.1)	280 (11.2)	75 (3)	20 (0.8)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	525 (21)	425 (17)	75 (3)	126 (5)	325 (13)	138 (5.5)	375 (15)	100 (4)	25 (1)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND DIAGONAL:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-3

NO TURNS SIGN

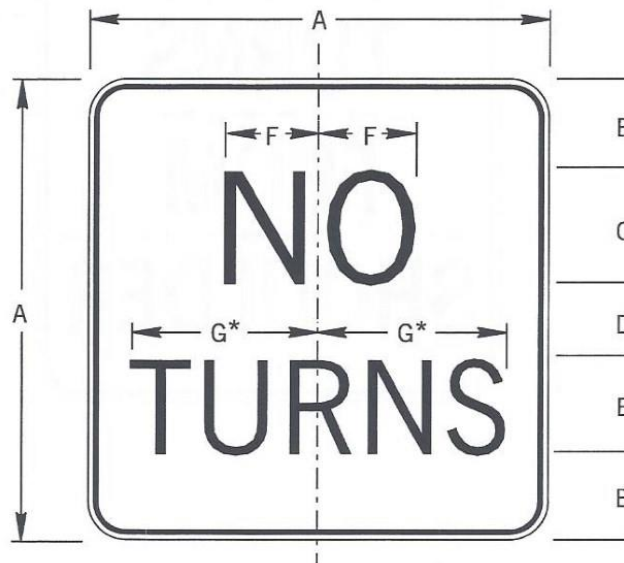
(a) Justification. The No Turns Sign (R3-3) shall be authorized for use to prohibit all turns.

(b) Placement.

(1) When the No Turns Sign (R3-3) is used on undivided streets, one sign should be placed at the near right-hand corner and one at the far left-hand corner. When there are overhead traffic signals, an additional sign should be placed over the roadway near the traffic signal.

(2) On divided streets or highways this sign should be placed at the near right-hand corner and near side and far side on the ends of the medians unless the median width is insufficient to permit the installation of the signs; the signs should then be installed as indicated for undivided streets. When there are overhead traffic signals, the sign on the far side median should be placed over the roadway near the traffic signal. An auxiliary sign with the same message may be used in advance of the intersection.

(c) Size. The standard size of the R3-3 sign shall be 600 mm by 600 mm (24" x 24"). The standard size for expressways and overhead installations shall be 900 mm by 900 mm (36" x 36").



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	115 (4.6)	150D (6D)	95 (3.8)	125D (5D)	123 (4.8)	246 (9.7)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
900 x 900 (36" x 36")	150 (6)	250D (10D)	150 (6)	200D (8D)	205 (8.1)	395 (15.6)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	225 (9)	300D (12D)	200 (8)	250D (10D)	245 (9.7)	493 (19.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

* REDUCE SPACING 35%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

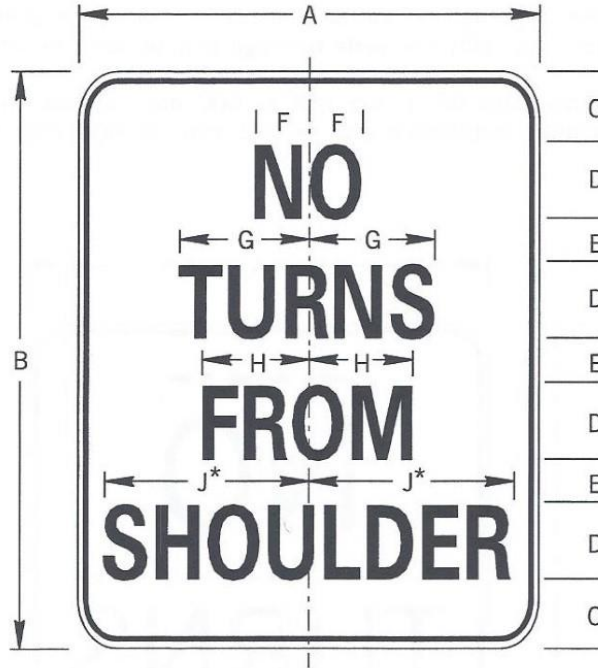
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-3-3

NO TURNS FROM SHOULDER SIGN

The No Turns From Shoulder Sign (R3-3-3) may be used at locations where it is desired to prohibit vehicles from using the shoulder to make a right or left turn.

The (R3-3-3) sign should be placed in advance of and at the intersection or driveway where the turns are being made.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	91 (3.7)	100B (4B)	56 (2.2)	54 (2.1)	141 (5.5)	113 (4.5)	216 (8.5)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

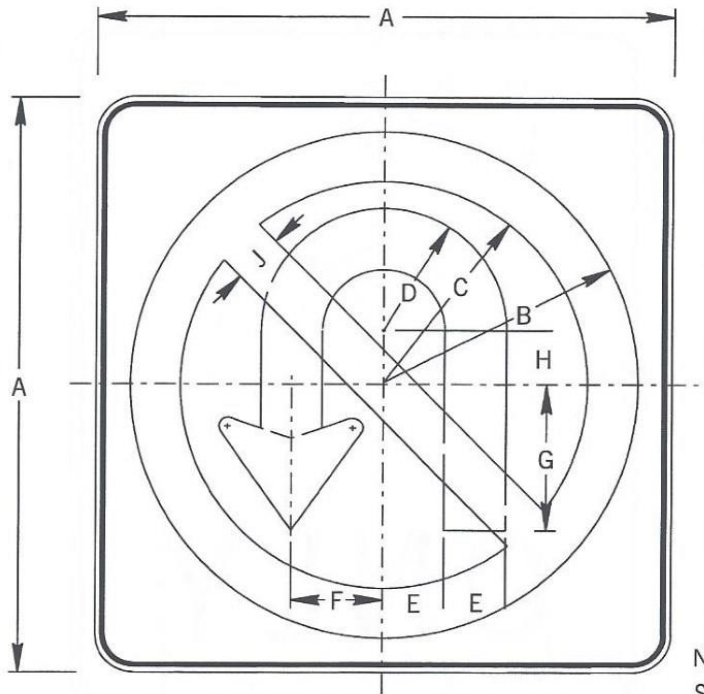
R3-4

NO U-TURN SIGN

(a) Justification. The No U-Turn Sign (R3-4) shall be authorized for use to prohibit U-Turns.

(b) Placement. The No U-Turn Sign (R3-4) is placed at or between intersections to indicate that U-Turns at the specific intersection or on the roadway so posted are prohibited.

(c) Size. The standard size of the R3-4 sign shall be 600 mm by 600 mm (24" x 24"). The standard size for expressways shall be 900 mm by 900 mm (36" x 36").



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	262 (10.5)	212 (8.5)	128 (5.2)	64 (2.6)	96 (3.9)	150 (6)	56 (2.2)	50 (2)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	330 (13.2)	265 (10.6)	160 (6.4)	80 (3.2)	120 (4.8)	190 (7.6)	70 (2.8)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	395 (15.8)	320 (12.8)	188 (7.6)	94 (3.8)	141 (5.7)	225 (9)	85 (3.4)	75 (3)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	525 (21)	425 (17)	252 (10)	126 (5)	189 (7.5)	300 (12)	112 (4.5)	100 (4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND DIAGONAL:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

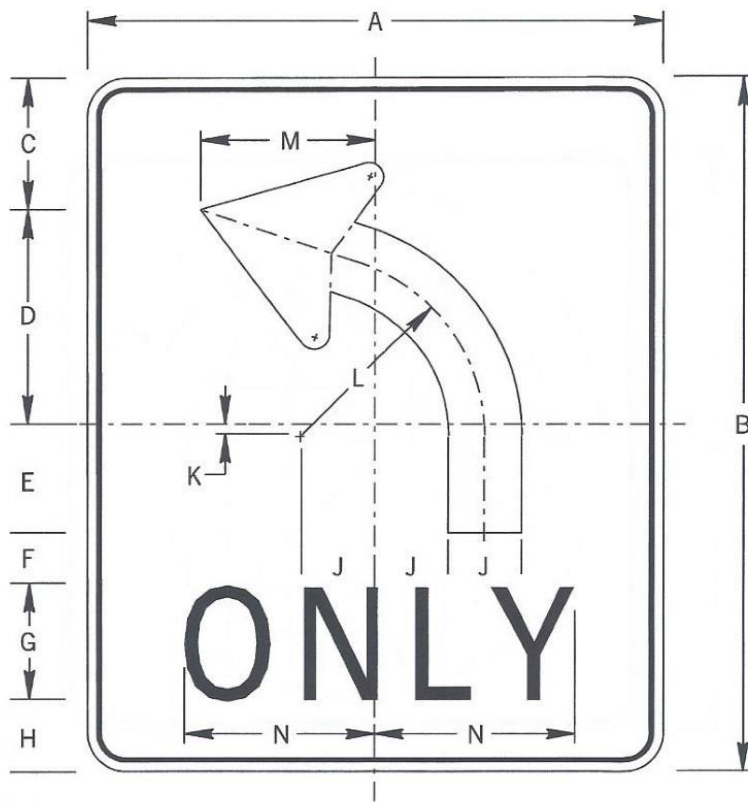
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-5L

LEFT TURN SIGN

(a) Justification. The Left Turn Sign (R3-5L) shall be authorized for use to indicate that the lane beneath the sign may only turn left.

(b) Placement. The R3-5L sign shall be placed overhead above the left lane or lanes of an approach to an intersection where traffic must turn to the left.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.	
750 x 900 (30" x 36")	170 (6.8)	280 (11.2)	140 (5.6)	65 (2.6)	150D (6D)	95 (3.8)	96 (3.8)	15 (0.6)	240 (9.5)	227 (9.1)	256 (10.1)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)	

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

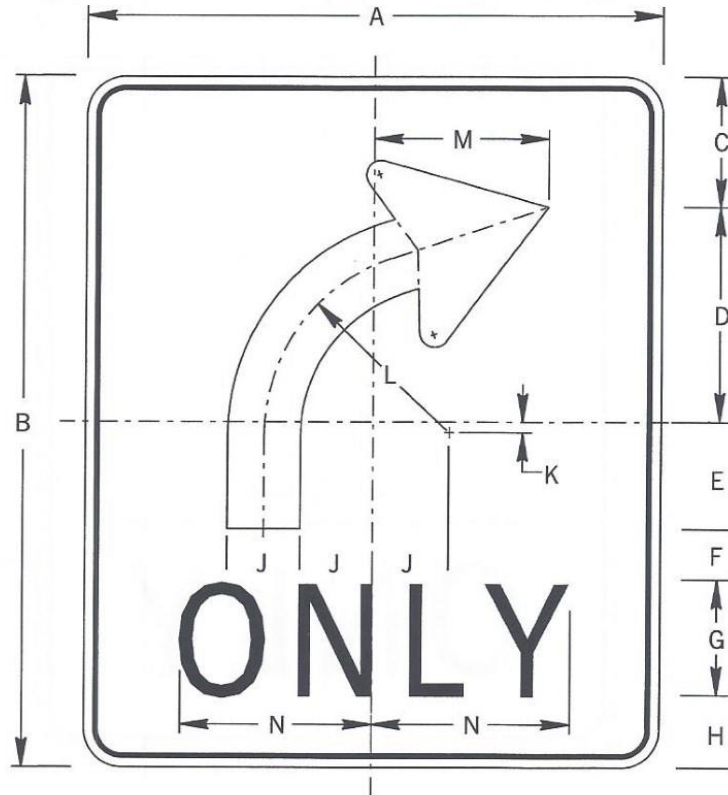
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-5R

RIGHT TURN SIGN

(a) Justification. The Right Turn Sign (R3-5R) shall be authorized for use to indicate that the lane beneath the sign may only turn right.

(b) Placement. The R3-5R sign shall be placed overhead above the right lane or lanes of an approach to an intersection where traffic must turn to the right.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	170 (6.8)	280 (11.2)	140 (5.6)	65 (2.6)	150D (6D)	95 (3.8)	96 (3.8)	15 (0.6)	240 (9.5)	227 (9.1)	256 (10.1)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

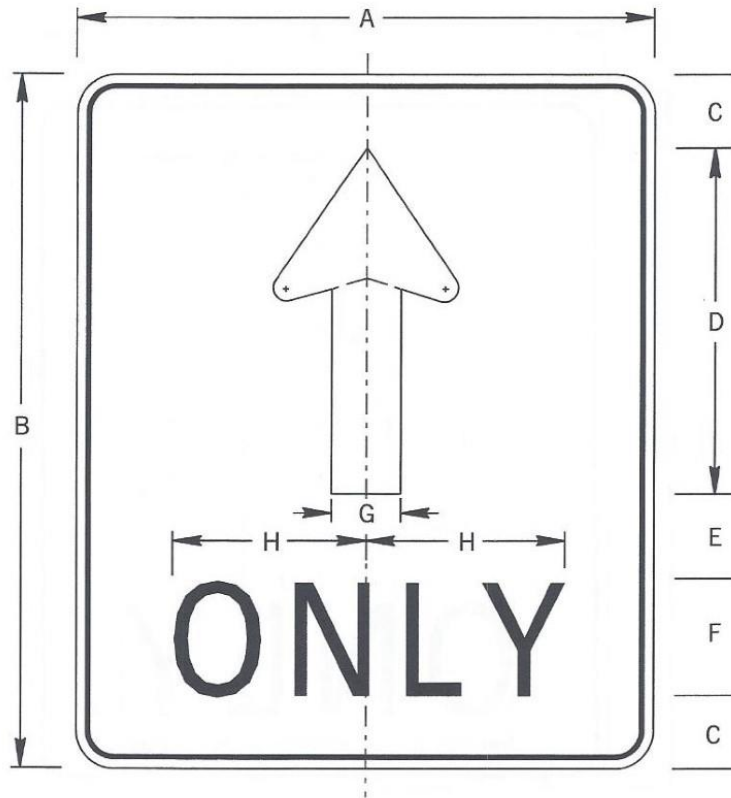
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-5S

STRAIGHT-THROUGH SIGN

(a) Justification. The Straight-Through Sign (R3-5S) shall be authorized for use to indicate that the lane beneath the sign may only go straight ahead at the upcoming intersection.

(b) Placement. The R3-5S sign shall be placed overhead above any lane of an approach to an intersection where traffic must proceed through the intersection without turning in any direction.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	95 (3.8)	450 (18)	110 (4.4)	150D (6D)	90 (3.6)	256 (10.1)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

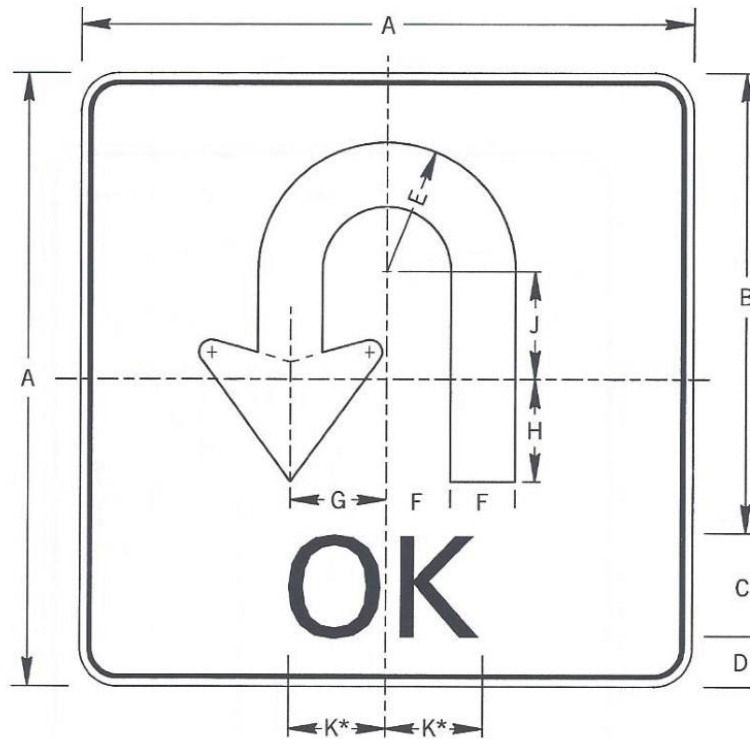
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-5-1

U-TURN OK SIGN

The U-Turn OK Sign (R3-5-1) may be used as a lane use control sign to indicate that U-Turns are permissible. The R3-5-1 sign may be placed at or between intersections to indicate that U-Turns at the specific intersection or on the roadway so posted are permitted.

The standard size of the R3-5-1 sign is 600 mm by 600 mm (24" x 24"). The standard size for expressways is 900 mm by 900 mm (36" x 36").



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	462 (18.5)	75E (3E)	63 (2.5)	128 (5.2)	64 (2.6)	96 (3.9)	113 (4.5)	95 (3.8)	77 (3)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	580 (23.2)	100E (4E)	70 (2.8)	156 (6.4)	78 (3.2)	117 (4.8)	138 (5.5)	120 (4.8)	103 (4.1)	15 (0.6)	15 (0.6)	B3-750 (B3-30)
900 x 900 (36" x 36")	675 (27)	150E (6E)	75 (3)	188 (7.6)	94 (3.8)	141 (5.7)	150 (6)	160 (6.4)	154 (6.1)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	885 (35.4)	200E (8E)	115 (4.6)	252 (10)	126 (5)	189 (7.5)	195 (7.8)	220 (8.8)	206 (8.1)	20 (0.8)	25 (1)	B3-1200 (B3-48)

* INCREASE SPACING 50%

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

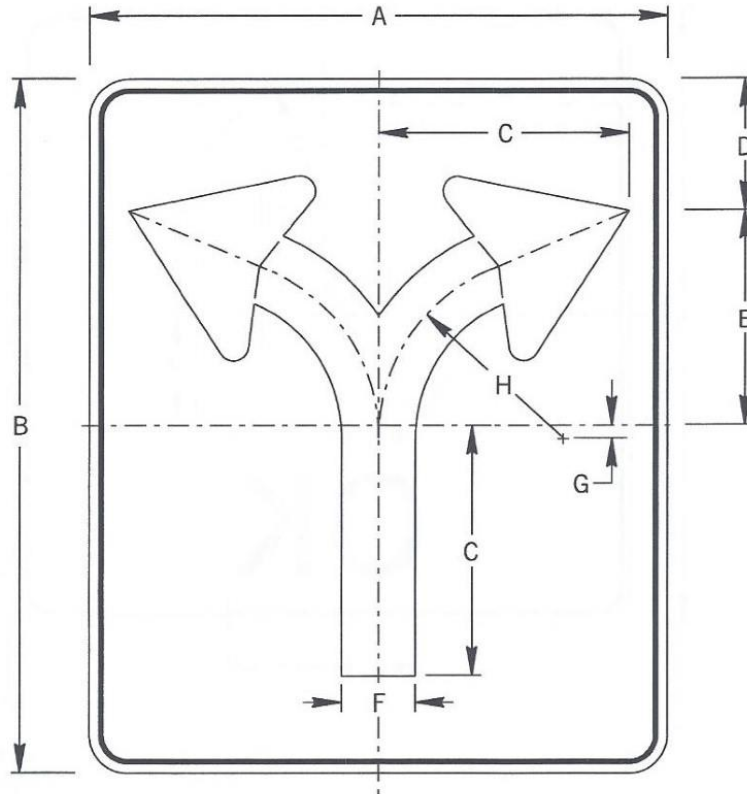
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-6LR

OPTIONAL LEFT OR RIGHT TURN SIGN

(a) Justification. The Optional Left or Right Turn Sign (R3-6LR) shall be authorized for use in advance of an intersection to show that all traffic in the lane beneath the sign must turn either left or right.

(b) Placement. The R3-6LR sign shall be placed overhead above any lane of an approach to an intersection where traffic must either turn left or right.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	325 (13)	168 (6.7)	282 (11.3)	96 (3.8)	15 (0.6)	240 (9.6)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

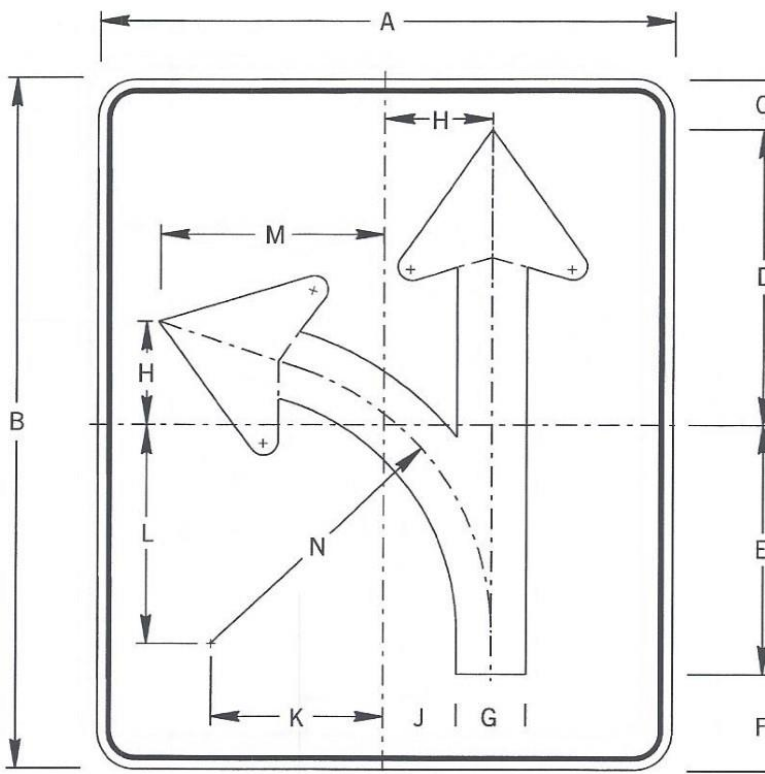
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-6LS

OPTIONAL LEFT TURN SIGN

(a) Justification. The Optional Left Turn Sign (R3-6LS) shall be authorized for use in advance of an intersection to show that all traffic in the lane beneath the sign must either turn left or proceed straight through the intersection.

(b) Placement. The R3-6LS sign shall be placed overhead above any lane of an approach to an intersection where traffic must either turn left or proceed straight through.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	65 (2.6)	385 (15.4)	355 (14.2)	95 (3.8)	90 (3.6)	140 (5.6)	95 (3.8)	225 (9)	285 (11.4)	295 (11.8)	365 (14.6)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

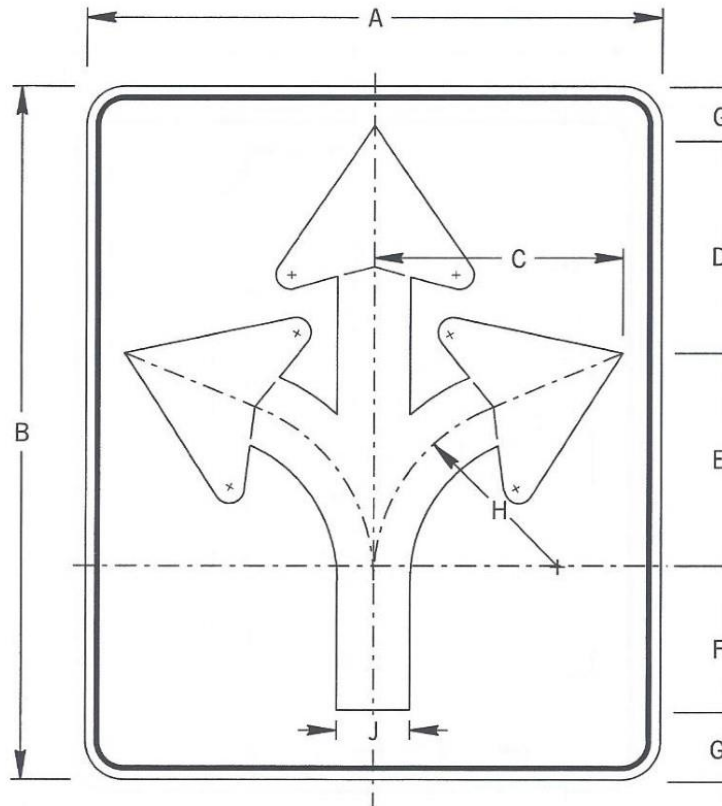
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-6LSR

OPTIONAL LEFT, STRAIGHT AND RIGHT TURN SIGN

(a) Justification. The Optional Left, Straight and Right Turn Sign (R3-6LSR) may be used on multiple lane approaches where an adjacent lane is required to turn left or right.

(b) Placement. When used, the R3-6LSR sign shall be placed overhead above the appropriate lane.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	325 (13)	295 (11.8)	297 (11.9)	168 (6.7)	70 (2.8)	240 (9.6)	96 (3.8)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

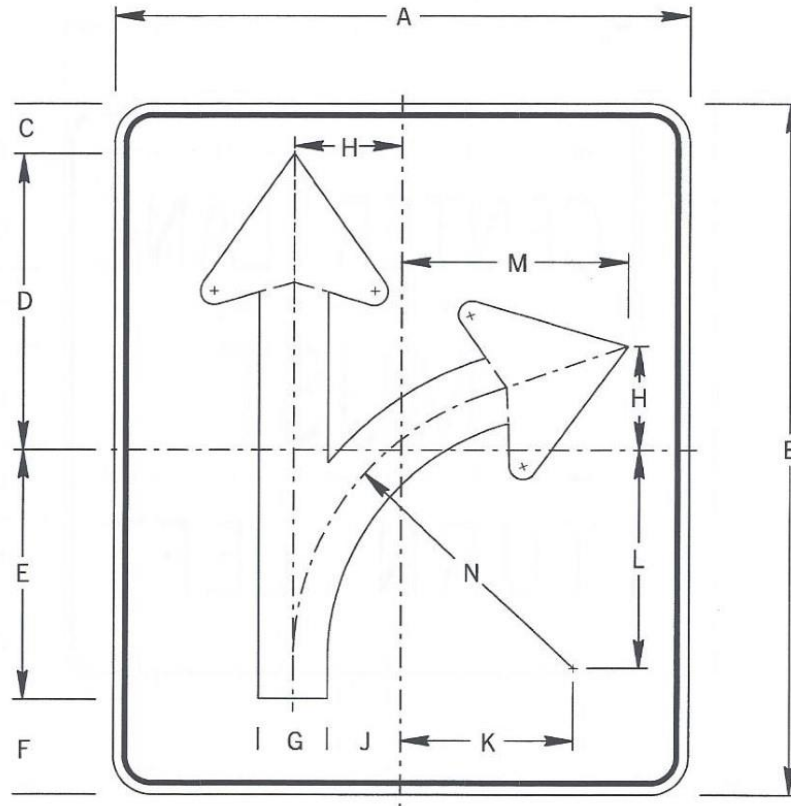
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-6SR

OPTIONAL RIGHT TURN SIGN

(a) Justification. The Optional Right Turn Sign (R3-6SR) shall be authorized for use in advance of an intersection to advise that all traffic in the lane beneath the sign must either turn right or proceed straight through the intersection.

(b) Placement. The R3-6SR sign shall be placed overhead above any lane of an approach to an intersection where traffic must either proceed straight through or turn right.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	65 (2.6)	385 (15.4)	355 (14.2)	95 (3.8)	90 (3.6)	140 (5.6)	95 (3.8)	225 (9)	285 (11.4)	295 (11.8)	365 (14.6)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

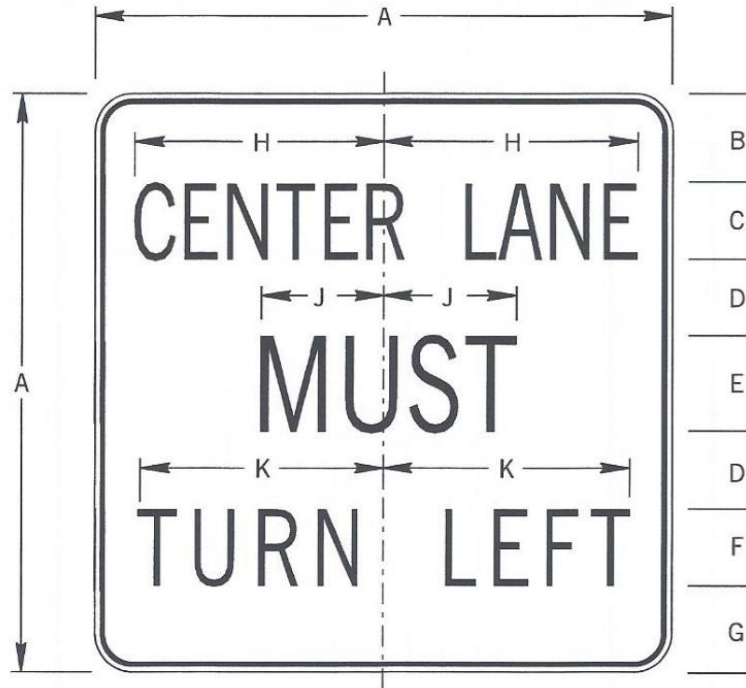
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	113 (4.5)	100B (4B)	100 (4)	125C (5C)	100C (4C)	112 (4.5)	315 (12.5)	180 (7.1)	314 (12.4)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	213 (8.5)	150B (6B)	150 (6)	175C (7C)	150C (6C)	212 (8.5)	474 (18.8)	252 (9.9)	469 (18.5)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

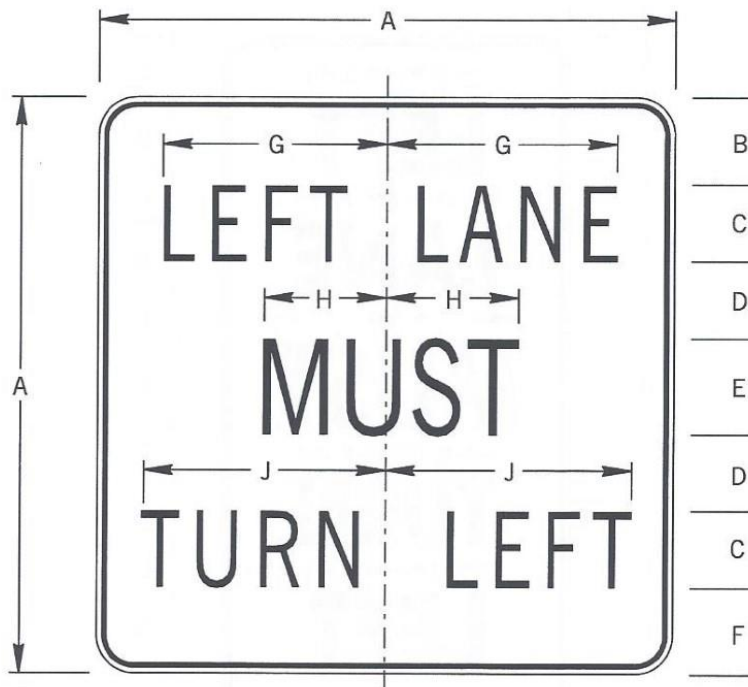
R3-7L

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 shall be 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	113 (4.5)	100C (4C)	100 (4)	125C (5C)	112 (4.5)	308 (12.2)	180 (7.1)	314 (12.4)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	200 (8)	150C (6C)	150 (6)	200C (8C)	200 (8)	460 (18.2)	288 (11.4)	469 (18.5)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

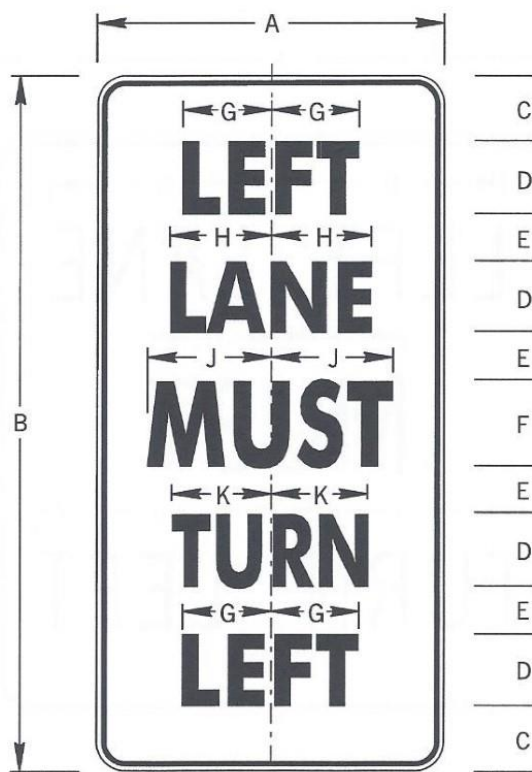
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-7LA

LEFT LANE MUST TURN LEFT SIGN

The Left Lane Must Turn Left Sign (R3-7LA) may be used instead of the 750 mm by 750 mm (30" x 30") R3-7L sign. It may be especially appropriate where a narrow sign is required in an area of restricted width.

When used, the R3-7LA 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).



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 1200 (24" x 48")	115 (4.6)	125C (5C)	80 (3.2)	150C (6C)	156 (6.2)	167 (6.5)	216 (8.5)	174 (6.8)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

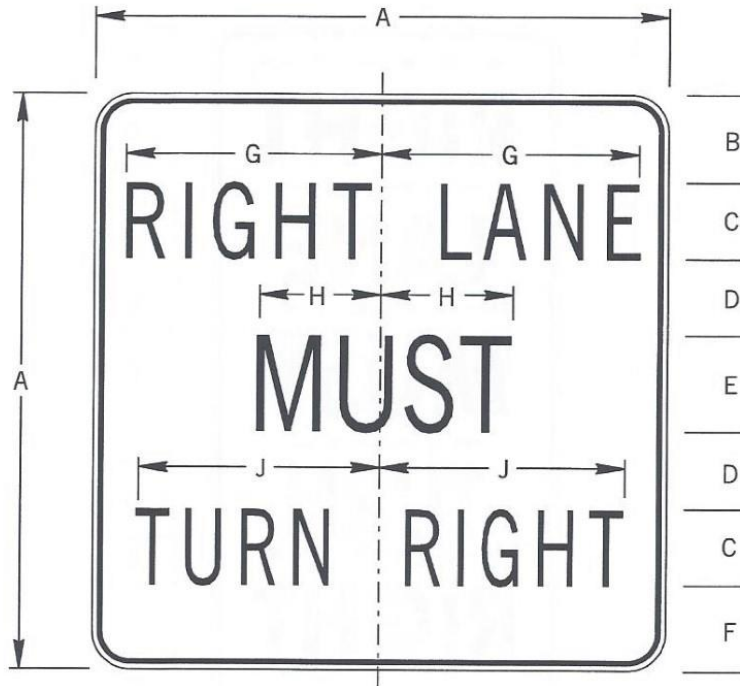
R3-7R

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 shall be 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	113 (4.5)	100C (4C)	100 (4)	125C (5C)	112 (4.5)	327 (12.9)	180 (7.1)	333 (13.1)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	200 (8)	150C (6C)	150 (6)	200C (8C)	200 (8)	488 (19.2)	288 (11.4)	497 (19.6)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

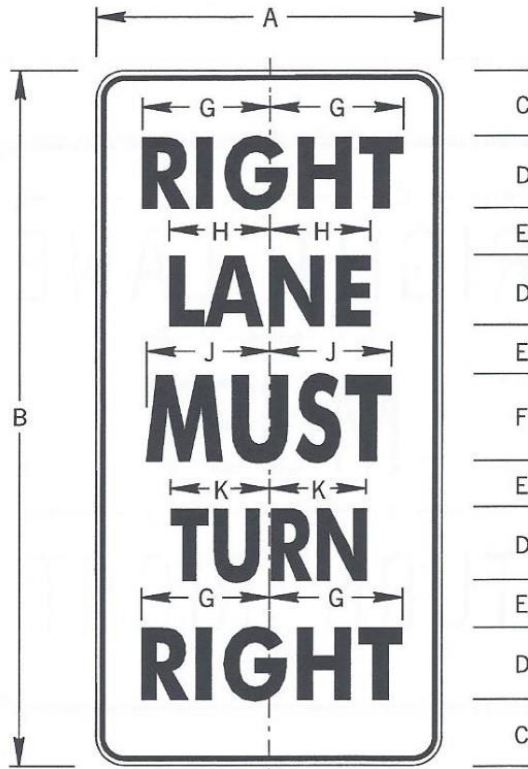
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-7RA

RIGHT LANE MUST TURN RIGHT SIGN

The Right Lane Must Turn Right Sign (R3-7RA) may be used instead of the 750 mm by 750 mm (30" x 30") R3-7R sign. It may be especially appropriate where a narrow sign is required in an area of restricted width.

When used, the R3-7RA 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).



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 1200 (24" x 48")	115 (4.6)	125C (5C)	80 (3.2)	150C (6C)	196 (7.7)	167 (6.5)	216 (8.5)	174 (6.8)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

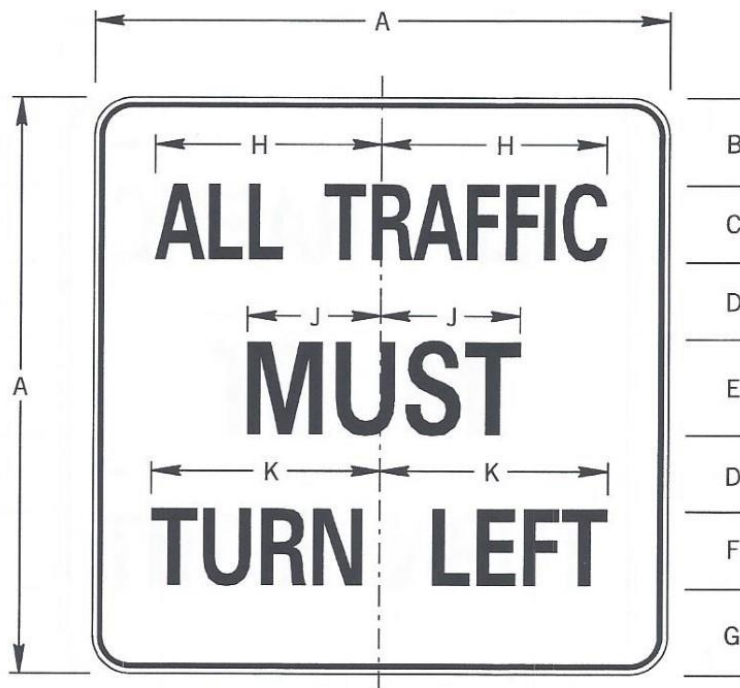
R3-7-1L

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 shall be 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	113 (4.5)	100B (4B)	100 (4)	125C (5C)	100C (4C)	112 (4.5)	311 (12.3)	180 (7.1)	314 (12.4)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	200 (8)	150B (6B)	150 (6)	200C (8C)	150C (6C)	200 (8)	467 (18.5)	288 (11.4)	469 (18.5)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

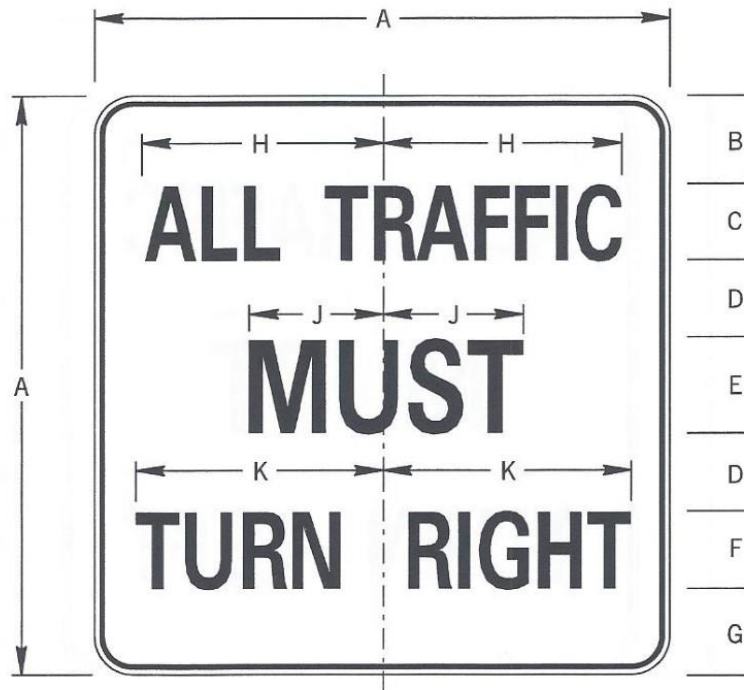
R3-7-1R

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 shall be 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	113 (4.5)	100B (4B)	100 (4)	125C (5C)	100C (4C)	112 (4.5)	311 (12.3)	180 (7.1)	333 (13.1)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	200 (8)	150B (6B)	150 (6)	200C (8C)	150C (6C)	200 (8)	467 (18.5)	288 (11.4)	497 (19.6)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

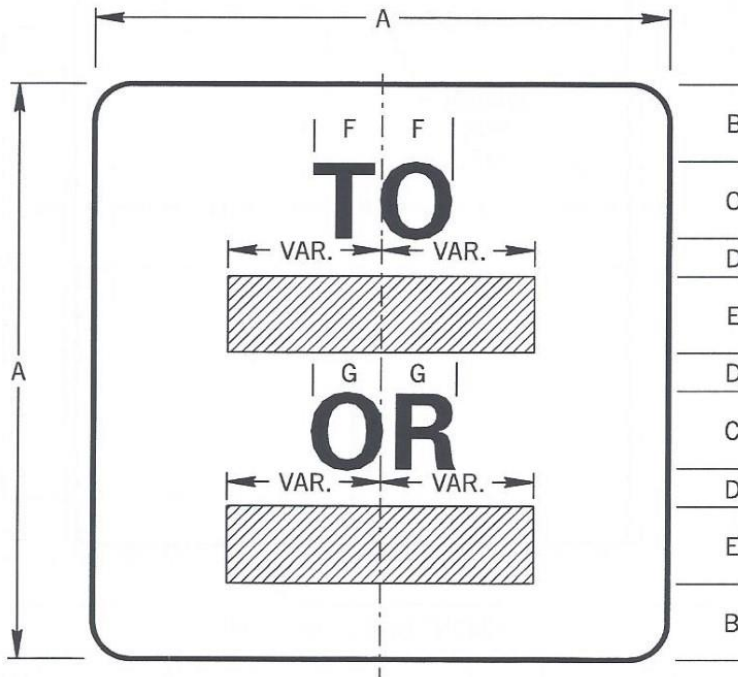
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-7-2

LANE MUST TURN SUPPLEMENTARY PLAQUE

(a) Justification. The Lane Must Turn Supplementary Plaque (R3-7-2) may be used with the Left Lane Must Turn Left Sign (R3-7L) or the Right Lane Must Turn Right Sign (R3-7R) to indicate that traffic in the designated lane must turn into one of the streets indicated on the R3-7-2 sign.

(b). Placement. The R3-7-2 sign shall be placed below the R3-7L or R3-7R signs.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	G	BLANK STD.
750 x 750 (30" x 30")	100 (4)	100C (4C)	50 (2)	100* (4*)	64 (2.5)	68 (2.7)	B3-750 (B3-30)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

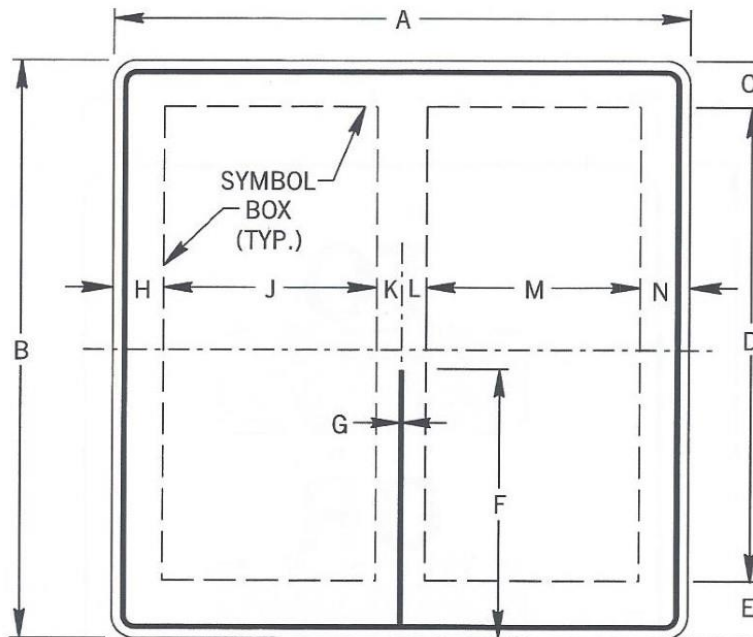
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-8A

LANE USE CONTROL (TWO LANES) SIGN

The Lane Use Control (Two Lanes) Sign (R3-8A) may be used on a two-lane approach to an intersection. The R3-8A 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 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 sign may also be placed at the intersection or as a supplement to other lane use control signs.



DIMENSIONS - mm (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.
750 x 750 (30" x 30") (L-S, S-R, L-R)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	65 (2.6)	278 (10.9)	32 (1.5)	32 (1.5)	278 (10.9)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
750 x 750 (30" x 30") (L-LS, L-SR, S-SR)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	47 (2.1)	278 (10.9)	20 (0.8)	0 (0)	370 (14.8)	35 (1.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
750 x 750 (30" x 30") (LS-R, SR-R)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	35 (1.4)	370 (14.8)	0 (0)	20 (0.8)	278 (10.9)	47 (2.1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 750 (36" x 30") (UL-L)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	70 (2.8)	370 (14.8)	55 (2.2)	55 (2.2)	278 (10.9)	72 (3.1)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)
900 x 750 (36" x 30") (L-LSR)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	65 (2.6)	278 (10.9)	42 (1.9)	0 (0)	450 (18)	65 (2.6)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)

SHEET 1 OF 2

COLOR:

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

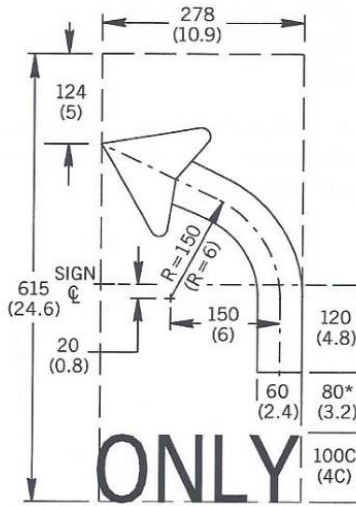
BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

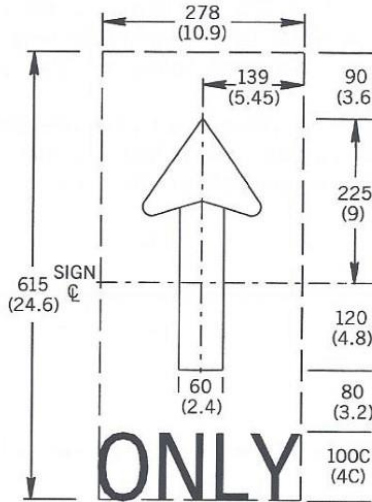
By: *Alan C. Rowe* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-8A

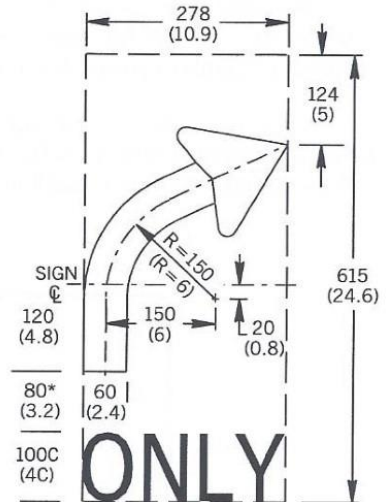
LANE USE CONTROL (TWO LANES) SIGN



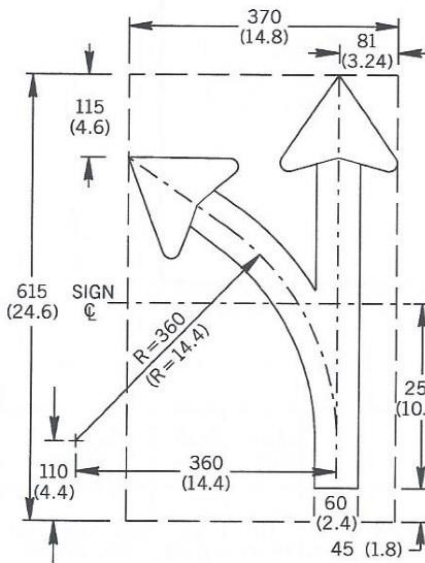
SYMBOL - L



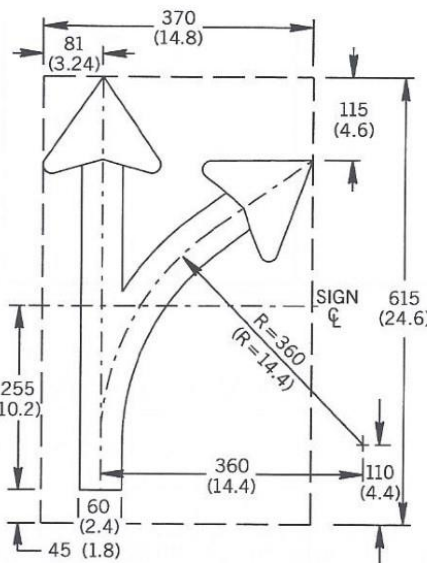
SYMBOL - S



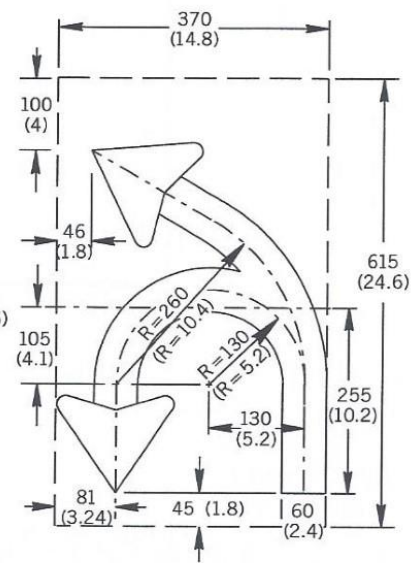
SYMBOL - R



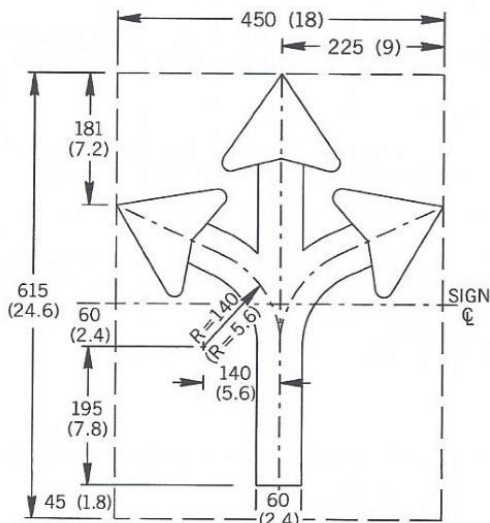
SYMBOL - LS



SYMBOL - SR



SYMBOL - UL



SYMBOL - LSR

* LOCATE ARROW 30 mm (1.2") ABOVE LEGEND "ONLY" WHEN SYMBOL-L OR SYMBOL-R IS USED WITH SYMBOL-LSR

NOTES:

1. ALL DIMENSIONS ARE IN mm (IN).
2. SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.

SHEET 2 OF 2

APPROVED FOR THE SECRETARY OF TRANSPORTATION

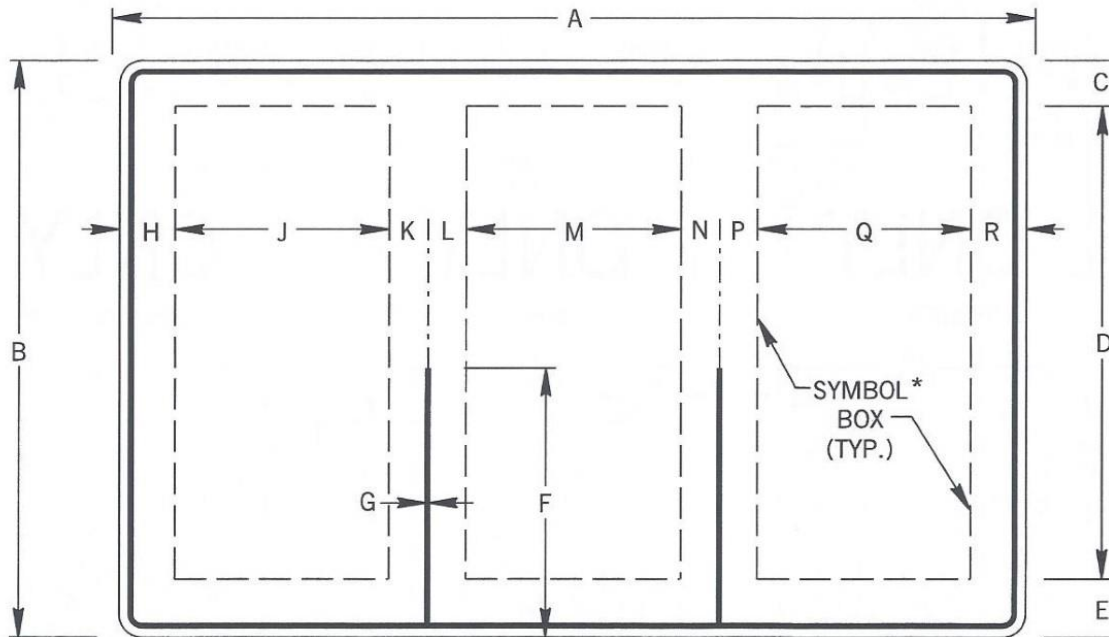
By : Allen C Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

R3-8B

LANE USE CONTROL (THREE LANES) SIGN

The Lane Use Control (Three Lanes) Sign (R3-8B) may be used on a three-lane approach to an intersection. The R3-8B 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 R3-8B 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 R3-8B sign may also be placed at the intersection or as a supplement to other lane use control signs.



DIMENSIONS - mm (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.
1200 x 750 (48" x 30") (L-S-R, L-L-R, L-L-S, L-S-S)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	83 (3.6)	278 (10.9)	50 (2)	50 (2)	278 (10.9)	50 (2)	50 (2)	278 (10.9)	83 (3.7)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)
1200 x 750 (48" x 30") (L-LS-R)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	67 (2.7)	278 (10.9)	35 (1.5)	35 (1.5)	370 (14.8)	35 (1.5)	35 (1.5)	278 (10.9)	67 (2.7)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)
1200 x 750 (48" x 30") (L-S-SR, L-L-SR)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	67 (2.7)	278 (10.9)	35 (1.5)	35 (1.5)	278 (10.9)	35 (1.5)	35 (1.5)	370 (14.8)	67 (2.7)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)
1200 x 750 (48" x 30") (LS-S-R)	60 (2.4)	615 (24.6)	75 (3)	350 (14)	20 (0.8)	67 (2.7)	370 (14.8)	35 (1.5)	35 (1.5)	278 (10.9)	35 (1.5)	35 (1.5)	278 (10.9)	67 (2.7)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)

* SEE R3-8A SIGN FOR SYMBOL DETAIL

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

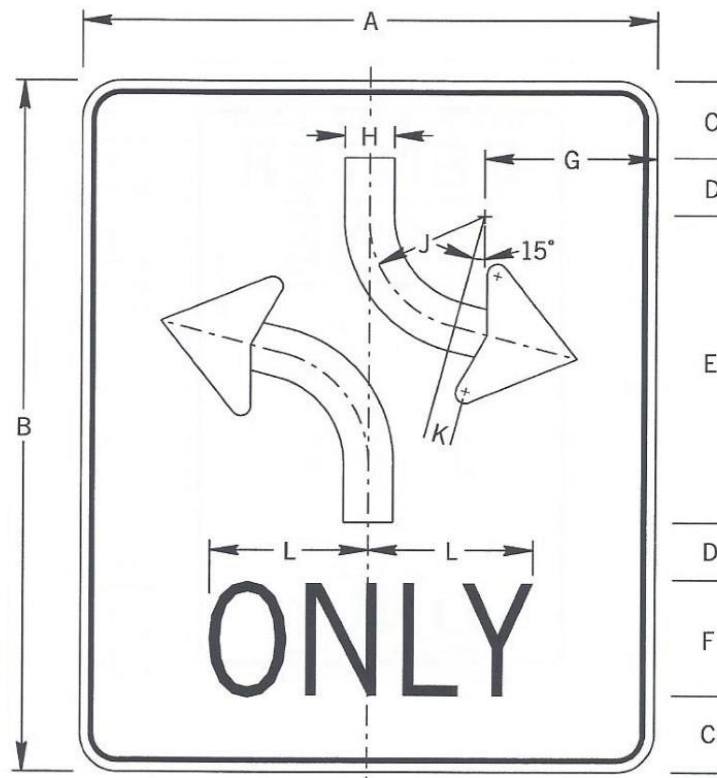
By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-9A

TWO-WAY LEFT TURN ONLY SIGN

(a) Justification. The Two-Way Left Turn Only Sign (R3-9A) is authorized for overhead installations in conjunction with pavement markings to indicate that the lane has been reserved for the exclusive use of left turning vehicles.

(b) Placement. When used, the R3-9A sign may be placed above the two-way left turn lane at the beginning of the zone and at intervals throughout. On three-lane roadways, the presence of the R3-9A sign shall also satisfy the requirement to identify the beginning of the no-passing zone.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	100 (4)	75 (3)	400 (16)	150D (6D)	225 (9)	65 (2.6)	150 (6)	35 (1.4)	256 (10.1)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

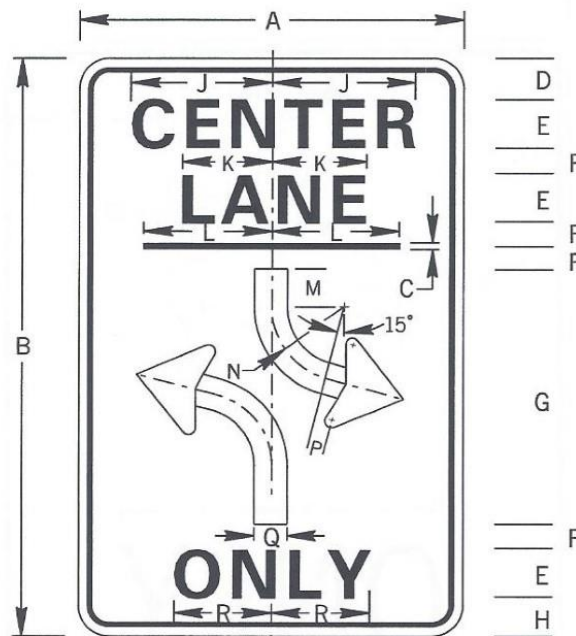
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-9B

CENTER LANE — LEFT TURN ONLY SIGN

The Center Lane — Left Turn Only Sign (R3-9B) may be used as a post-mounted sign in conjunction with appropriate pavement markings to indicate that a designated "center" lane of a three-lane, four-lane, or five-lane highway has been reserved for the exclusive use of left-turning vehicles. When overhead signs are not installed, a post-mounted R3-9B sign shall be used at the beginning of the center lane left turn only restriction. The R3-9B sign may also be used at intervals throughout the restricted section of highway. On three-lane and four-lane highways, the presence of the R3-9B sign shall also satisfy the requirements to identify the beginning of the no-passing zone.

When used on a four-lane or five-lane highway, the standard size shall be 900 mm by 1200 mm (36" x 48").



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L
600 x 900 (24" x 36")	15 (0.6)	62 (2.5)	75E (3E)	38 (1.5)	400 (16)	61 (2.5)	215 (8.5)	145 (5.7)	200 (8)
900 x 1200 (36" x 48")	20 (0.8)	87 (3.5)	125E (5E)	38 (1.5)	500 (20)	86 (3.5)	358 (14.1)	242 (9.4)	300 (12)

DIMENSIONS - mm (IN)								
SIGN SIZE A x B	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
600 x 900 (24" x 36")	60 (2.4)	150 (6)	35 (1.4)	50 (2)	151 (5.9)	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)
900 x 1200 (36" x 48")	75 (3)	200 (8)	50 (2)	75 (3)	251 (9.8)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

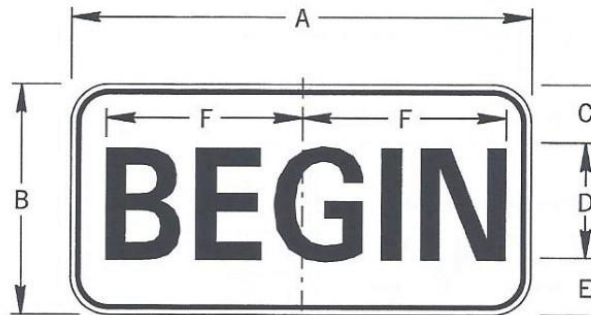
R3-9-3

BEGIN SIGN

(a) Justification. The Begin Sign (R3-9-3) may be used as a supplemental sign to indicate the beginning of a two-way or center lane left turn only restriction. The R3-9-3 sign may be used to supplement either the Two-Way Left Turn Only Sign (R3-9A) or the Center Lane — Left Turn Only Sign (R3-9B).

(b) Placement. When used, the R3-9-3 sign should be placed directly above the R3-9A sign or R3-9B sign at the beginning of the two-way or center lane left turn only pattern.

(c) Size. The width of the R3-9-3 sign should be the same as that of the R3-9A or R3-9B sign that it supplements.



DIMENSIONS - mm. (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	75 (3)	150C (6C)	75 (3)	234 (9.2)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	88 (3.5)	200C (8C)	87 (3.5)	313 (12.4)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)
900 x 450 (36" x 18")	100 (4)	250C (10C)	100 (4)	367* (14.5)*	15 (0.6)	20 (0.8)	B5-900450 (B5-3618)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

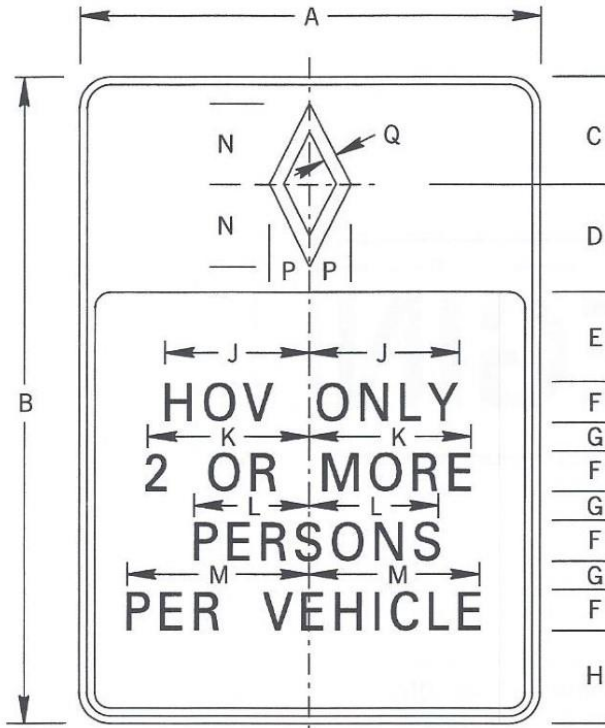
R3-10

HOV RESTRICTED LANE SIGN

(a) Justification. The HOV Restricted Lane Sign (R3-10) may be used in advance of a section of roadway wherein travel over a specific lane of the roadway is restricted to provide preferential treatment for a certain high occupancy vehicles, to clarify the meaning of the restriction.

(b) Placement. When used, the R3-10 sign shall be post mounted adjacent to the pending restricted lane.

(c) Size. When used on an expressway the standard size of the sign shall be 900 mm by 1500 mm (36" x 60"), and when used on a freeway the standard size of the sign shall be 1950 mm by 2400 mm (78" x 96").



DIMENSIONS - mm (IN)			
SIGN SIZE A x B	MAR- GIN	BOR- DER	BLANK STD.
750 x 1050 (30" x 42")	15 (0.6)	15 (0.6)	—
900 x 1500 (36" x 60")	20 (0.8)	20 (0.8)	—
1950 x 2400 (78" x 96")	25 (1)	25 (1)	—

DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q
750 x 1050 (30" x 42")	170 (6.8)	156 (6.2)	122 (4.9)	75D (3D)	60 (2.4)	122 (4.9)	262 (10.3)	294 (11.6)	226 (8.9)	307 (12.1)	125 (5)	62 (2.5)	20 (0.8)
900 x 1500 (36" x 60")	235 (9.4)	215 (8.6)	220 (8.8)	100D (4D)	70 (2.8)	220 (8.8)	350 (13.9)	366 (14.5)	301 (11.9)	363 (14.3)	175 (7)	87 (3.5)	25 (1)
1950 x 2400 (78" x 96")	350 (14)	305 (12.2)	285 (11.4)	200D (8D)	125 (5)	285 (11.4)	701 (27.7)	785 (31.1)	605 (23.9)	851 (33.6)	250 (10)	125 (5)	37 (1.5)

COLOR:

TOP SYMBOL:

WHITE (REFLECTORIZED)

BACKGROUND:

BLACK (NON-REFLECTORIZED)

BOTTOM LEGEND AND BORDER:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

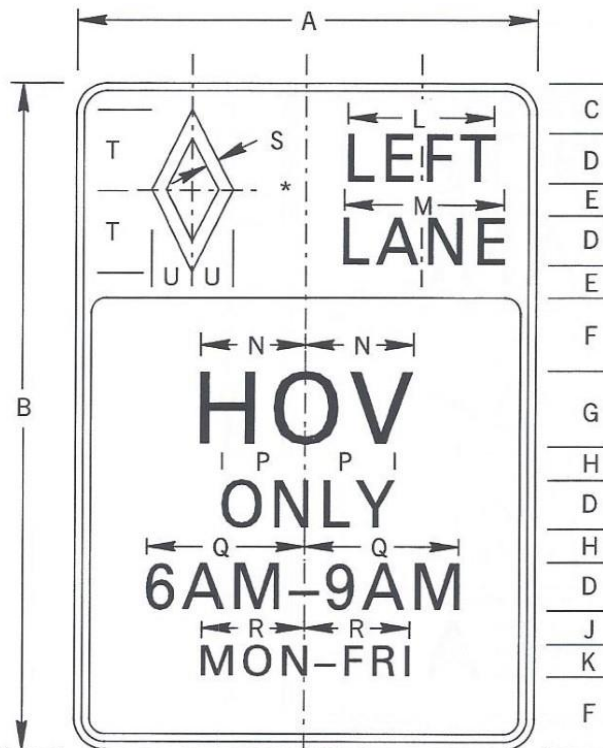
R3-11A

HOV PREFERENTIAL LANE SIGN

(a) Justification. The HOV Preferential Lane Sign (R3-11A) may be used adjacent to a section of roadway wherein travel over a specific lane of the roadway is restricted to provide preferential treatment for a certain high occupancy vehicles. The top line may specify the LEFT LANE as illustrated, or RIGHT LANE, RIGHT 2 LANES, THIS LANE, or other similar messages. If another message is not applicable, the symbol may also be centered. Other messages on the sign may vary as necessary.

(b) Placement. When used, the R3-11A sign shall be post mounted adjacent to the restricted lane.

(c) Size. When used on an expressway the standard size of the sign shall be 900 mm by 1500 mm (36" x 60"), and when used on a freeway the standard size of the sign shall be 1950 mm by 2400 mm (78" x 96").



* OPTICALLY LOCATE SYMBOL AND TOP LEGEND

DIMENSIONS - mm (IN)			
SIGN SIZE A x B	MARGIN	BORDER	BLANK STD.
750 x 1050 (30" x 42")	15 (0.6)	15 (0.6)	—
900 x 1500 (36" x 60")	20 (0.8)	20 (0.8)	—
1950 x 2400 (78" x 96")	25 (1)	25 (1)	—

DIMENSIONS - mm (IN)			
SIGN SIZE A x B	S	T	U
750 x 1050 (30" x 42")	20 (0.8)	125 (5)	62 (2.5)
900 x 1500 (36" x 60")	25 (1)	175 (7)	87 (3.5)
1950 x 2400 (78" x 96")	37 (1.5)	250 (10)	125 (5)

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
750 x 1050 (30" x 42")	76 (3)	75D (3D)	50 (2)	117 (4.7)	125D (5D)	55 (2.2)	55 (2.2)	50D (2D)	224 (8.9)	245 (9.6)	161 (6.4)	128 (5)	278 (11)	170 (6.7)
900 x 1500 (36" x 60")	100 (3.9)	100D (4D)	75 (3)	207 (8.3)	175D (7D)	62 (2.5)	62 (2.5)	75D (3D)	299 (11.7)	326 (12.8)	226 (8.9)	171 (6.8)	378 (15)	255 (10.1)
1950 x 2400 (78" x 96")	150 (6)	150D (6D)	100 (4)	300 (12)	300D (12D)	150 (6)	125 (5)	125D (5D)	447 (17.7)	490 (19.2)	388 (15.3)	256 (10.1)	556 (21.9)	424 (16.8)

COLOR:

TOP SYMBOL AND LEGEND:

WHITE (REFLECTORIZED)

BACKGROUND:

BLACK (NON-REFLECTORIZED)

BOTTOM LEGEND AND BORDER:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

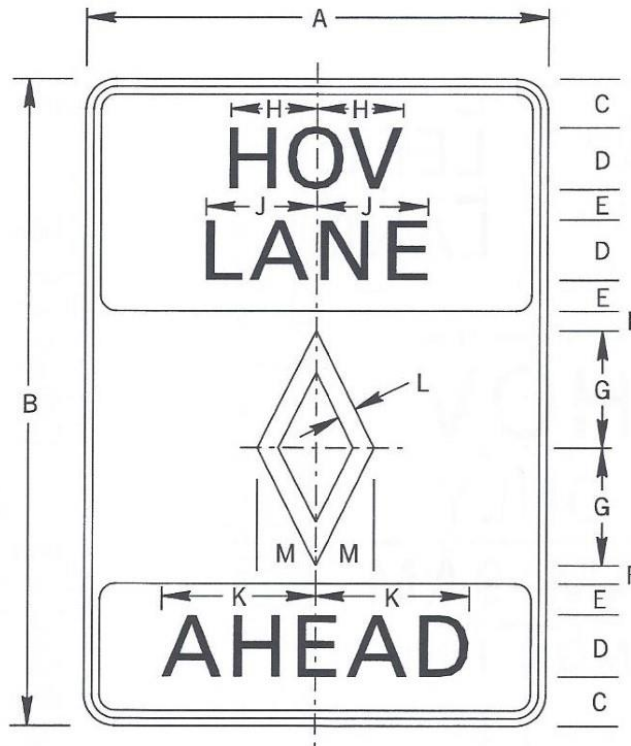
R3-12

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 a 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 900 mm by 1500 mm (36" x 60"), and when used on a freeway the standard size of the sign shall be 1200 mm by 2100 mm (48" x 84").



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
750 x 1050 (30" x 42")	75 (3)	100D (4D)	50 (2)	38 (1.5)	187 (7.5)	129 (5.1)	163 (6.4)	222 (8.7)	30 (1.2)	95 (3.8)	15 (0.6)	15 (0.6)	—
900 x 1500 (36" x 60")	100 (4)	150D (6D)	75 (3)	62.5 (2.5)	250 (10)	194 (7.6)	245 (9.6)	332 (13)	40 (1.6)	125 (5)	20 (0.8)	20 (0.8)	—
1200 x 2100 (48" x 84")	125 (5)	200D (8D)	100 (4)	100 (4)	375 (15)	259 (10.2)	327 (12.9)	444 (17.5)	55 (2.2)	190 (7.6)	25 (1)	25 (1)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED) ON BLACK

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

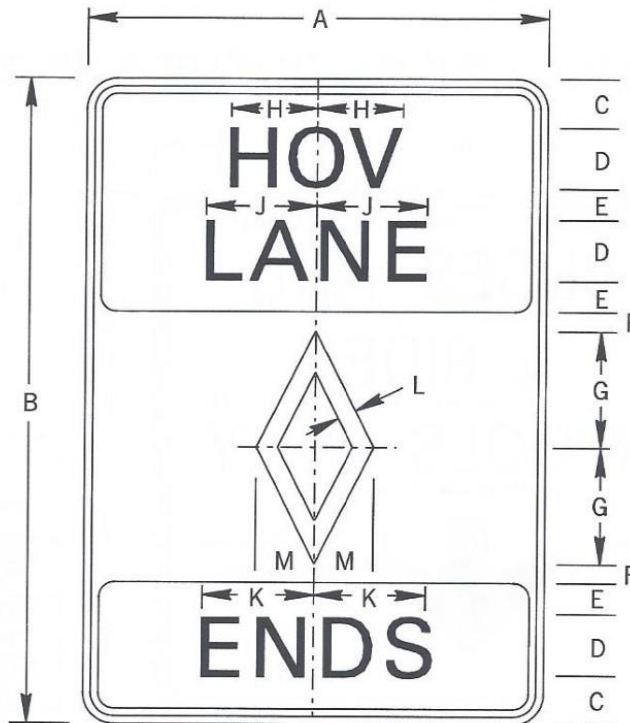
R3-12A

HOV PREFERENTIAL LANE ENDS SIGN

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

(b) Placement. When used, the R3-12A sign shall be post mounted adjacent to the lane where the restriction ended.

(c) Size. When used on an expressway the standard size of the sign shall be 900 mm by 1500 mm (36" x 60"), and when used on a freeway the standard size of the sign shall be 1200 mm by 2100 mm (48" x 84").



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
750 x 1050 (30" x 42")	75 (3)	100D (4D)	50 (2)	38 (1.5)	187 (7.5)	129 (5.1)	163 (6.4)	164 (6.5)	30 (1.2)	95 (3.8)	15 (0.6)	15 (0.6)	—
900 x 1500 (36" x 60")	100 (4)	150D (6D)	75 (3)	62.5 (2.5)	250 (10)	194 (7.6)	245 (9.6)	246 (9.7)	40 (1.6)	125 (5)	20 (0.8)	20 (0.8)	—
1200 x 2100 (48" x 84")	125 (5)	200D (8D)	100 (4)	100 (4)	375 (15)	259 (10.2)	327 (12.9)	330 (13)	55 (2.2)	190 (7.6)	25 (1)	25 (1)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED) ON BLACK

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R3-14

PREFERENTIAL LANE SIGN

(a) Justification. The Preferential Lane Sign (R3-14) shall be authorized for use at the beginning of, and at frequent intervals within, a section of roadway where travel over a specific lane of the roadway is restricted to a specific class or classes of vehicles in accordance with Department regulations (relating to preferential lane-use control signs).

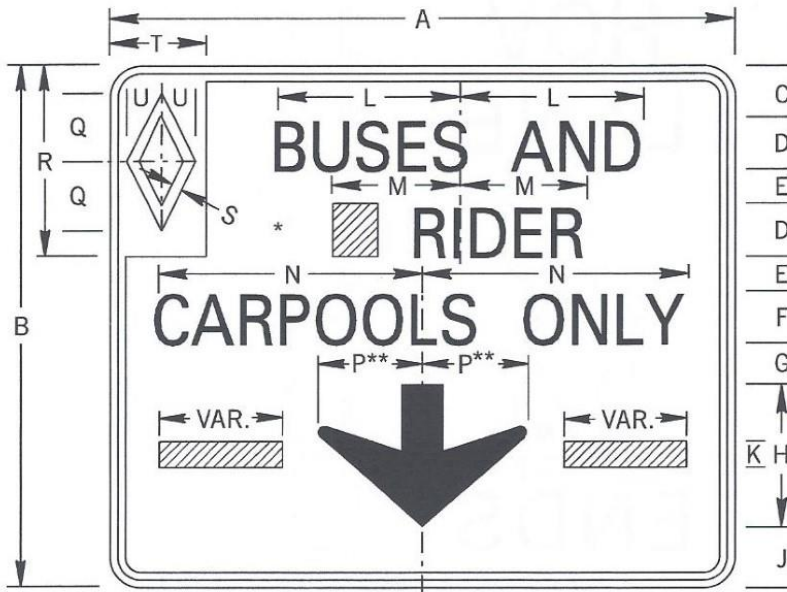
(b) Format. The message of the R3-14 sign should have the following sequence:

Top Line: Applicable vehicles (e.g., BUSES ONLY, BUSES AND CARPOOLS, BUSES AND RIGHT TURNS ONLY).

Bottom Line: Applicable time and day (e.g., 7 AM - 9 AM, 4 PM - 6 PM, MON - FRI). The time and day are separated by a down arrow.

(c) Placement. The R3-14 sign shall be mounted overhead directly over a preferential lane at frequent intervals. The spacing of such signs shall be based on engineering judgement taking into account prevailing speeds, block lengths, distance from intersections or interchanges, and other considerations necessary to adequately communicate with the driver.

(d) Size. The standard size of the R3-14 sign shall be 1800 mm by 1500 mm (72" x 60"). The standard size shall be 2400 mm by 1800 mm (96" x 72") for expressways and 2700 mm by 2100 mm (108" x 84") for freeways.



* OPTICALLY LOCATE SYMBOL AND TOP TWO (2) LINES OF LEGEND

** SEE TC-8700C, SHEET 14 OF 14 FOR ARROW DETAIL (TYPE C AND TYPE D)

DIMENSIONS - mm (IN)			
SIGN SIZE A x B	MAR- GIN	BOR- DER	BLANK STD.
1800 x 1500 (72" x 60")	20 (0.8)	25 (1)	—
2400 x 1800 (96" x 72")	25 (1)	30 (1.2)	—
2700 x 2100 (108" x 84")	30 (1.2)	40 (1.6)	—

DIMENSIONS - mm (IN)																	
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
1800 x 1500 (72" x 60")	150 (6)	150D (6D)	100 (4)	150C (6C)	115 (4.5)	410 (16.5)	175 (7)	75C (3C)	592 (23.3)	411 (16.2)	715 (28.2)	300 (12)	200 (8)	550 (22)	32 (1.3)	275 (11)	100 (4)
2400 x 1800 (96" x 72")	200 (8)	200D (8D)	150 (6)	200C (8C)	115 (4.5)	410 (16.5)	175 (7)	100C (4C)	792 (31.3)	549 (21.7)	953 (37.6)	300 (12)	250 (10)	750 (30)	40 (1.6)	375 (15)	125 (5)
2700 x 2100 (108" x 84")	250 (10)	250D (10D)	150 (6)	250C (10C)	100 (4)	550 (22)	150 (6)	125C (5C)	988 (39)	685 (27)	1194 (47.2)	400 (16)	300 (12)	900 (36)	50 (2)	450 (18)	150 (6)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED) ON BLACK

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

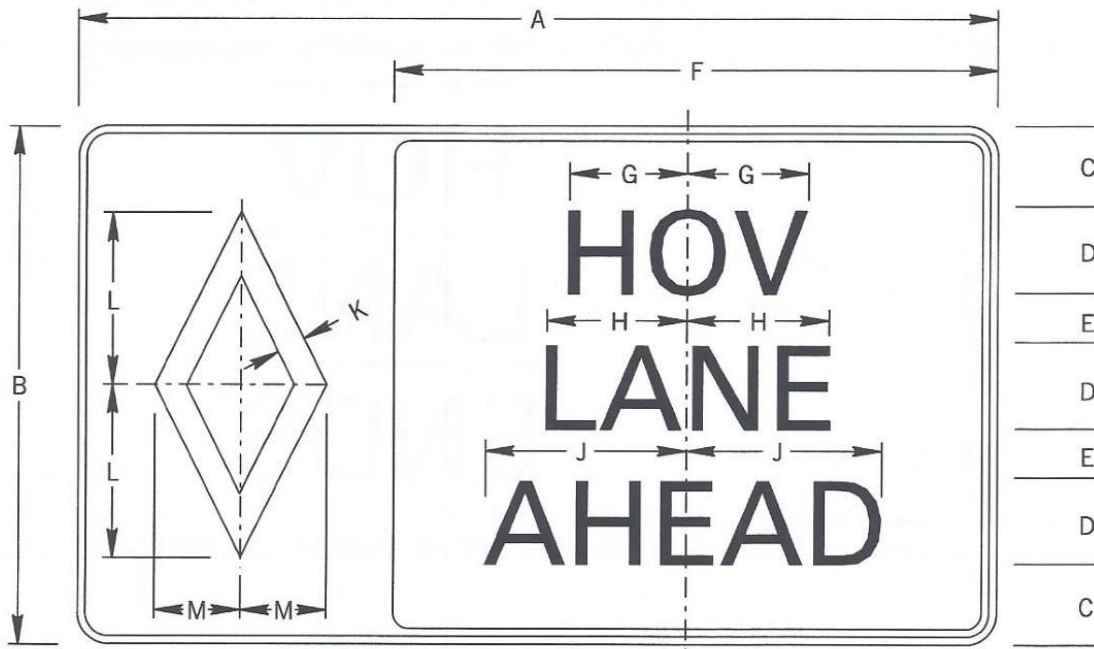
R3-15

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 1650 mm by 900 mm (66" x 36"). The standard size shall be 2100 mm by 1200 mm (84" x 48") for expressways and 2550 mm by 1500 mm (102" x 60") for freeways.



DIMENSIONS – mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
1650 x 900 (66" x 36")	140 (5.6)	150D (6D)	85 (3.4)	1050 (42)	194 (7.6)	245 (9.6)	332 (13)	50 (2)	300 (12)	150 (6)	15 (0.6)	25 (1)	—
2100 x 1200 (84" x 48")	175 (7)	200D (8D)	125 (5)	1350 (54)	259 (10.2)	327 (12.9)	444 (17.5)	62 (2.5)	400 (16)	200 (8)	20 (0.8)	30 (1.2)	—
2550 x 1500 (102" x 60")	225 (9)	250D (10D)	150 (6)	1650 (66)	324 (12.8)	408 (16.1)	554 (21.8)	75 (3)	500 (20)	250 (10)	25 (1)	35 (1.4)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED) ON BLACK

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

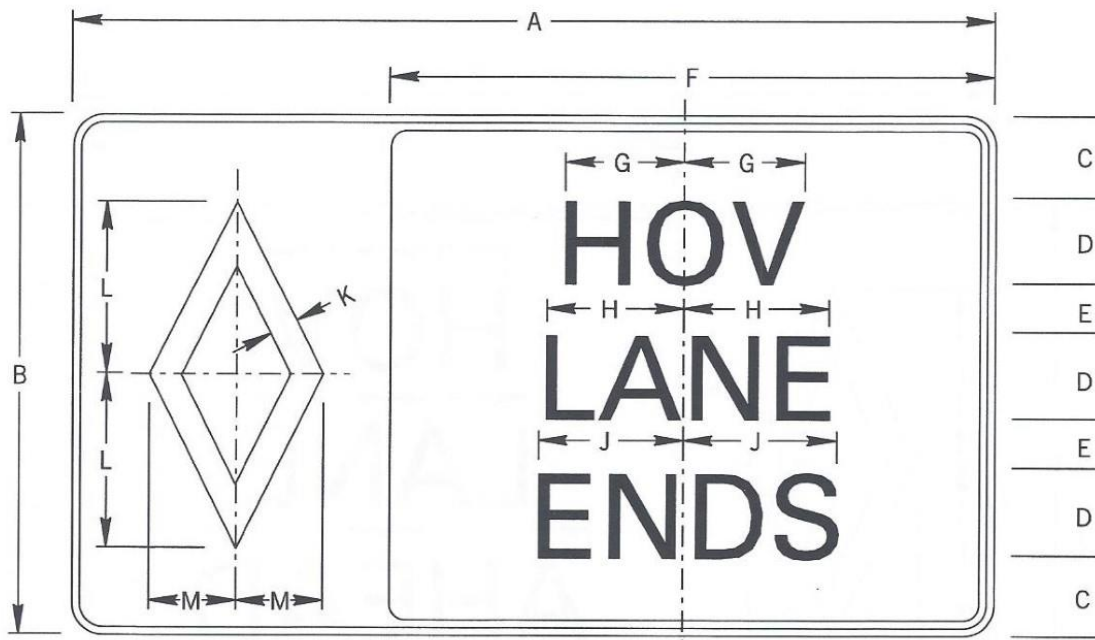
R3-15A

HOV PREFERENTIAL LANE ENDS OVERHEAD SIGN

(a) Justification. The HOV Preferential Lane Ends Overhead Sign (R3-15A) shall be authorized for use to indicate the end of a section of roadway over which a lane has been restricted to provide preferential treatment for certain high occupancy vehicles.

(b) Placement. The R3-15A sign shall be mounted overhead to mark the end of a section of roadway which has a lane restricted for the preferential use of a certain class or classes of vehicles.

(c) Size. The standard size of the R3-15A sign shall be 1650 mm by 900 mm (66" x 36"). The standard size shall be 2100 mm by 1200 mm (84" x 48") for expressways and 2550 mm by 1500 mm (102" x 60") for freeways.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
1650 x 900 (66" x 36")	140 (5.6)	150D (6D)	85 (3.4)	1050 (42)	194 (7.6)	245 (9.6)	246 (9.7)	50 (2)	300 (12)	150 (6)	15 (0.6)	25 (1)	—
2100 x 1200 (84" x 48")	175 (7)	200D (8D)	125 (5)	1350 (54)	259 (10.2)	327 (12.9)	330 (13)	62 (2.5)	400 (16)	200 (8)	20 (0.8)	30 (1.2)	—
2550 x 1500 (102" x 60")	225 (9)	250D (10D)	150 (6)	1650 (66)	324 (12.8)	408 (16.1)	412 (16.2)	75 (3)	500 (20)	250 (10)	25 (1)	35 (1.4)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED) ON BLACK

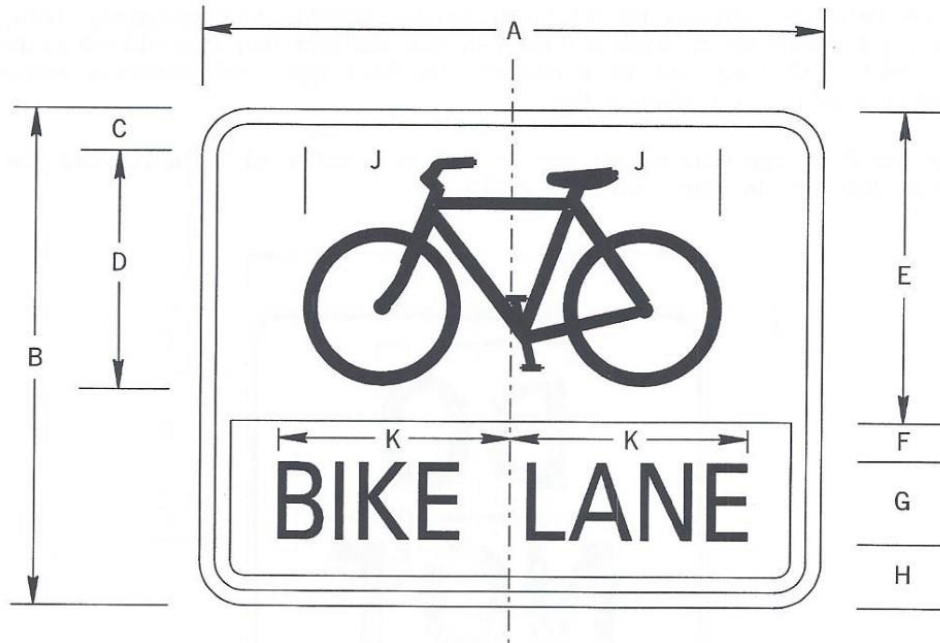
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 With Rider Symbol pavement marking to call attention to the lane and to the possible presence of bicyclists.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	50 (2)	288 (11.5)	375 (15)	48 (1.9)	100C (4C)	77 (3.1)	250 (10)	289 (11.4)	10 (0.4)	15 (0.6)	B5-750600 (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 : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

R4-1

DO NOT PASS SIGN

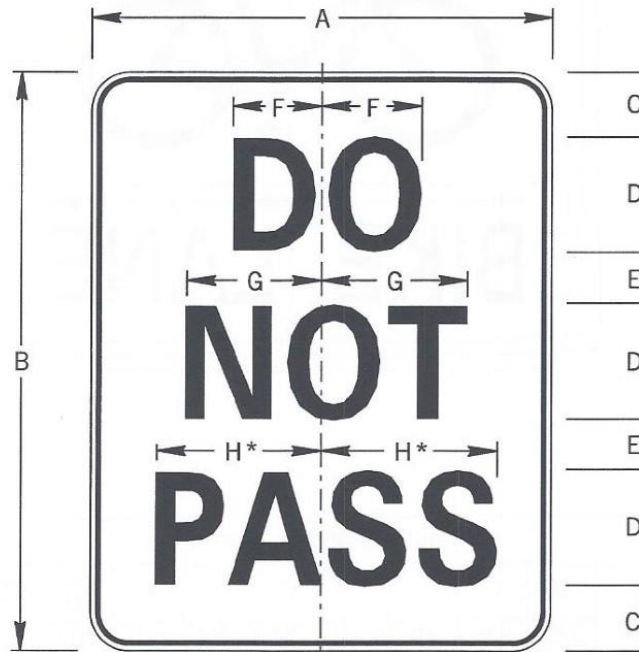
The Do Not Pass Sign (R4-1) is authorized for use at the beginning of and at intervals within a no-passing zone established in accordance with Department regulations. However, when a no-passing zone on a two-lane roadway begins at other than an intersection, the No Passing Zone Sign (W14-3) should be installed at the beginning of the zone when space exists instead of the R4-1 sign.

Requirements for placement shall be as follows:

(1) When a no-passing zone begins at an intersection, the R4-1 sign should be installed within 150 m (500') after the intersection.

(2) On three-lane highways, the R4-1 sign may be installed within no-passing zones, except that the R4-1 sign should not be installed if the Two-Way Left Turn Only Sign (R3-9A) or the Center Lane - Left Turn Only Sign (R3-9B) is installed. The R4-1 sign is not required on two-lane, two-way highways with a truck climbing lane.

The standard size R4-1 sign shall be 600 mm by 750 mm (24" x 30"). The standard size for expressways shall be 900 mm by 1200 mm (36" x 48").



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	150D (6D)	65 (2.6)	119 (4.7)	183 (7.2)	242 (9.6)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	175 (7)	200D (8D)	125 (5)	159 (6.3)	245 (9.7)	325 (12.8)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	200 (8)	250D (10D)	175 (7)	199 (7.8)	306 (12.1)	406 (15.9)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-1A

NO PASSING ZONE AHEAD SIGN

The No Passing Zone Ahead Sign (R4-1A) may be used on multilane, two-way highways in advance of the initial Do Not Pass Sign (R4-1) in each no passing zone when it is not possible to install a No Passing Zone Sign (W14-3) in the median.

When used, the R4-1A sign should be placed approximately 150 m (500') to 300 m (1000') in advance of the R4-1 sign.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	135 (5.4)	150C (6C)	110 (4.4)	102 (4)	353 (13.9)	210 (8.3)	267 (10.6)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

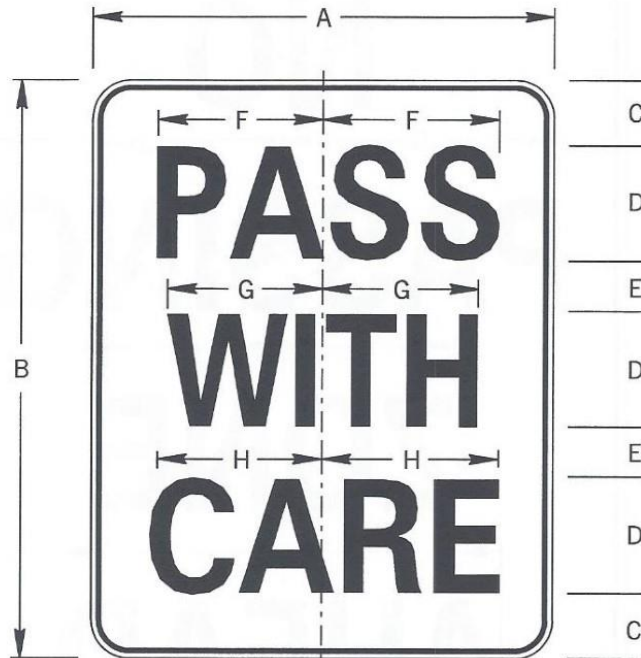
R4-2

PASS WITH CARE SIGN

The Pass With Care Sign (R4-2) may be used at the end of a no passing zone to indicate that passing is permitted.

The R4-2 sign should normally be installed on the right side of the road at the location where the no passing zone ends and the passing zone begins. When the passing zone begins at an intersection, the R4-2 sign should be installed within 150 m (500') after the intersection.

The standard size of the R4-2 sign shall be 600 mm by 750 mm (24" x 30"). The standard size for expressways shall be 900 mm by 1200 mm (36" x 48").



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	150C (6C)	65 (2.6)	211 (8.4)	186 (7.4)	206 (8.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	175 (7)	200C (8C)	125 (5)	281 (11.1)	248 (9.8)	276 (10.9)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	200 (8)	250C (10C)	175 (7)	353 (13.9)	311 (12.3)	345 (13.6)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-3

SLOWER TRAFFIC KEEP RIGHT SIGN

The Slower Traffic Keep Right Sign (R4-3) may be used on multiple-lane roadways to reduce unnecessary weaving. It should be erected just beyond the beginning of a multiple-lane pavement, and at selected locations on the median strip of a divided highway where there is a tendency on the part of the motorist to drive in the left-hand lane (or lanes) below the normal speed of traffic. It should not be used on the approach to an interchange or through an interchange area.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	150 (6)	150D (6D)	100 (4)	389 (15.4)	376* (14.8*)	239 (9.4)	280 (11.1)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	176 (7.1)	200D (8D)	116 (4.6)	522 (20.6)	513** (20.2**)	320 (12.6)	375 (14.8)	20 (0.8)	30 (1.2)	B5-15001200 (B5-6048)

* REDUCE SPACING 35%

** REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-4

RIGHT TURN LANE / BIKES SIGN

The Right Turn Lane / Bikes Sign (R4-4) 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 should be used in areas where a right vehicular turning lane will cross over either a marked bicycle lane or a shoulder area where there is a high likelihood of bicycle travel. Other uses may include intersections with a documented car-bike crash history and a road being promoted as a cycling route. The R4-4 sign should be located at the beginning of the right turn lane.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
900 x 750 (36" x 30")	85 (3.4)	100C (4C)	55 (2.2)	100B (4B)	225 (9)	157 (6.2)	386 (15.1)	250 (10)	80 (3.2)	359 (14.2)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

* REDUCE SPACING BY 20%

** VISUALLY CENTER ARROW

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

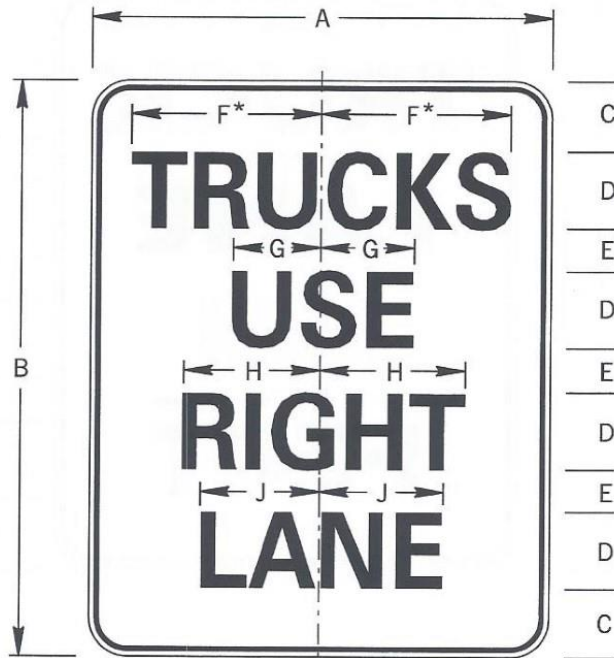
R4-5

TRUCKS USE RIGHT LANE SIGN

The Trucks Use Right Lane Sign (R4-5) may be used on multilane roadways when an extra or "climbing" lane has been provided on an upgrade for commercial motor vehicles, or truck tractors and trailers or semitrailers. When used, a Truck Lane () Feet Sign (R4-6) should be erected in advance of the climbing lane and a series of Pavement Width Transition Signs should be erected in advance of the termination of the extra lane.

The R4-5 sign may be erected alone or in a series with other signs, and shall be placed at reasonable intervals.

The standard size of the R4-5 sign shall be 600 mm by 750 mm (24" x 30"). The standard size for expressways shall be 900 mm by 1200 mm (36" x 48").



DIMENSIONS (IN MILLIMETERS)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	91 (3.7)	100D (4D)	56 (2.2)	238 (9.4)	123 (4.8)	187 (7.3)	163 (6.4)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	150 (6)	150D (6D)	100 (4)	356 (14)	185 (7.3)	280 (11.1)	245 (9.6)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	185 (7.4)	200D (8D)	110 (4.4)	478 (18.8)	247 (9.8)	375 (14.8)	327 (12.9)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

* REDUCE SPACING 32%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

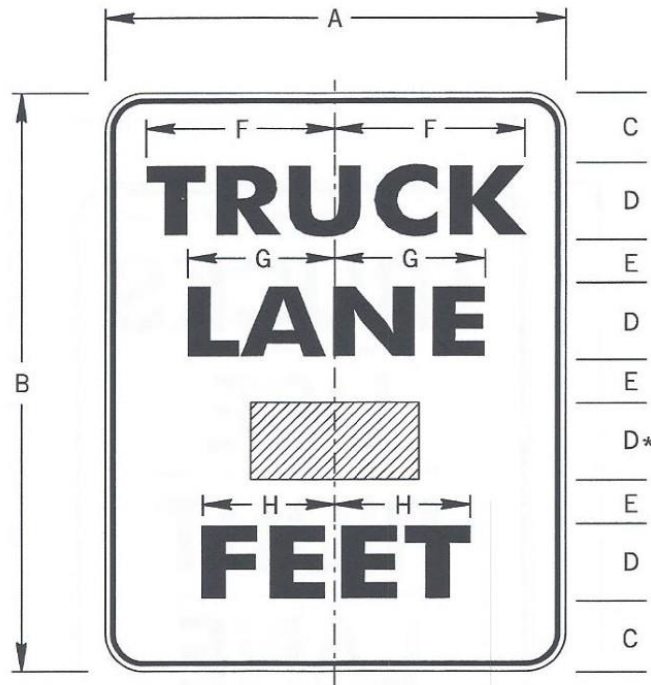
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-6

TRUCK LANE () FEET SIGN

The Truck Lane () Feet Sign (R4-6) may be used in advance of the beginning of the extra or "climbing" lane which has been provided for commercial vehicles or truck tractors and trailers or semi-trailers.

The standard size of the R4-6 shall be 600 mm by 750 mm (24" x 30"). The standard size for expressways shall be 900 mm by 1200 mm (36" x 48").



DIMENSIONS (IN MILLIMETERS)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	91 (3.7)	100E (4E)	56 (2.2)	248 (9.8)	194 (7.6)	178 (7)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	150 (6)	150E (6E)	100 (4)	371 (14.6)	289 (11.4)	267 (10.5)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	185 (7.4)	200E (8E)	110 (4.4)	494 (19.4)	386 (15.2)	354 (14)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

* OPTICALLY SPACE NUMERALS ABOUT VERTICAL \mathcal{C}

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

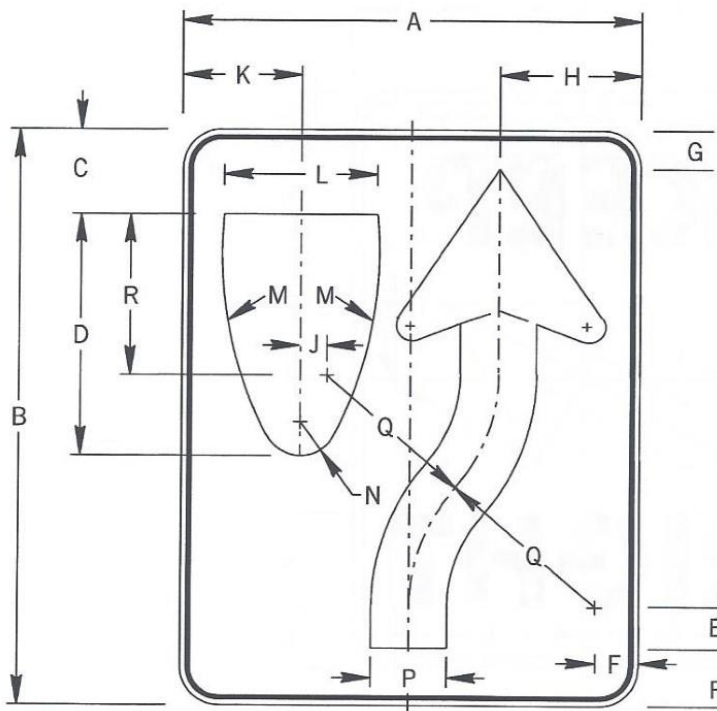
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 600 mm by 750 mm (24" x 30"), except on expressways the standard size is 900 mm by 1200 mm (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 1.2 m (4') height.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)				
SIGN SIZE A x B	MAR- GIN	BOR- DER	BLANK STD.	
600 x 750 (24" x 30")	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)	
900 x 1200 (36" x 48")	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)	
1200 x 1500 (48" x 60")	20 (0.8)	25 (1)	B5-15001200 (B5-6048)	

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
600 x 750 (24" x 30")	110 (4.4)	315 (12.6)	55 (2.2)	75 (3)	50 (2)	185 (7.4)	35 (1.4)	155 (6.2)	200 (8)	750 (30)	50 (2)	100 (4)	225 (9)	210 (8.4)
900 x 1200 (36" x 48")	170 (6.8)	470 (18.8)	125 (5)	110 (4.4)	70 (2.8)	280 (11.2)	45 (1.8)	235 (9.4)	300 (12)	1125 (45)	75 (3)	150 (6)	340 (13.6)	345 (13.8)
1200 x 1500 (48" x 60")	225 (9)	625 (25)	115 (4.6)	150 (6)	95 (3.8)	370 (14.8)	70 (2.8)	310 (12.4)	400 (16)	1500 (60)	100 (4)	200 (8)	450 (18)	409 (16.4)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

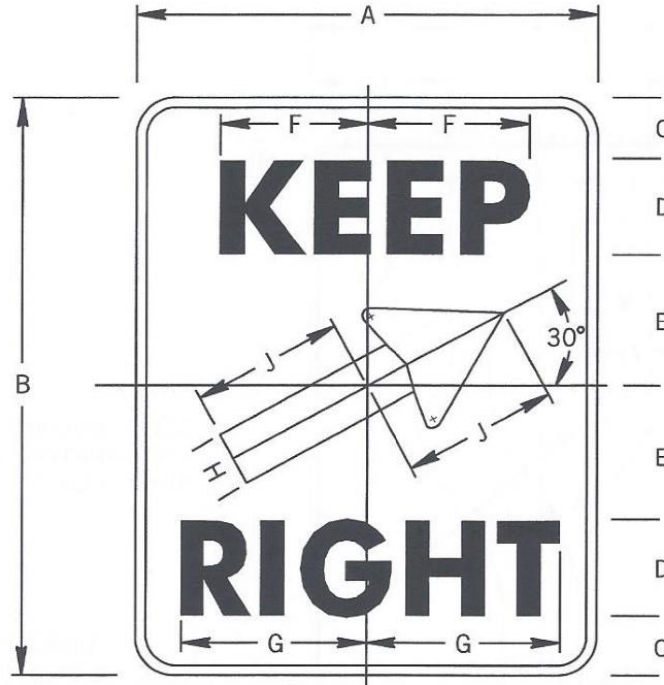
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-7B

KEEP RIGHT WITH 30° ARROW SIGN

The Keep Right With 30° Arrow Sign (R4-7B) 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 R4-7B 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 R4-7B sign is 600 mm by 750 mm (24" x 30"), except on expressways the standard size is 900 mm by 1200 mm (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 approximate 1.2 m (4') height.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	75 (3)	125D (5D)	175 (7)	199 (7.9)	233 (9.1)	65 (2.6)	180 (7.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	125 (5)	200D (8D)	275 (11)	320 (12.6)	375 (14.8)	110 (4.4)	285 (11.4)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	150 (6)	250D (10D)	350 (14)	400 (15.8)	467 (18.4)	130 (5.2)	355 (14.2)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

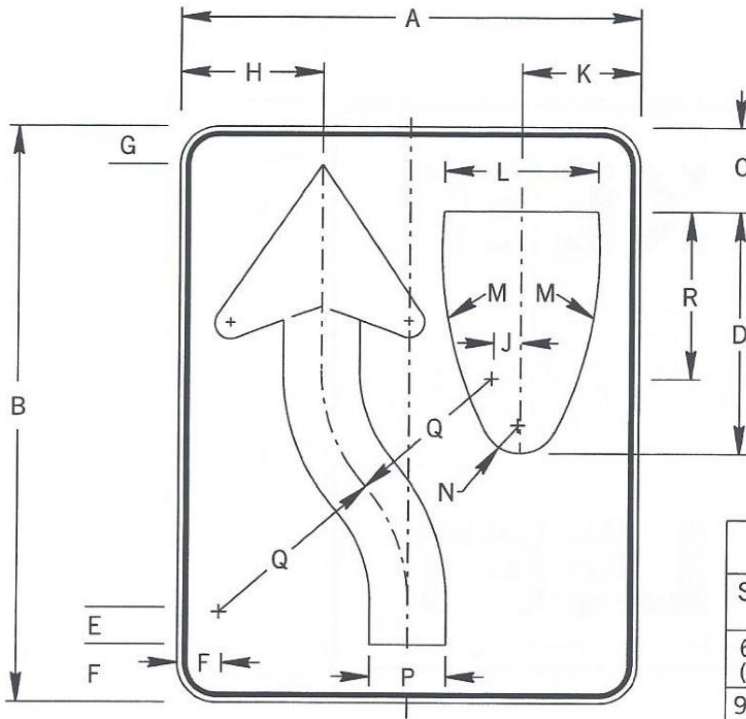
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-8

KEEP LEFT SIGN

The Keep Left Sign (R4-8) 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 left of such obstructions. The R4-8 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 left.

The standard size of the R4-8 sign is 600 mm by 750 mm (24" x 30"), except on expressways the standard size is 900 mm by 1200 mm (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 1.2 m (4') height.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)			
SIGN SIZE A x B	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
600 x 750 (24" x 30")	110 (4.4)	315 (12.6)	55 (2.2)	75 (3)	50 (2)	185 (7.4)	35 (1.4)	155 (6.2)	200 (8)	750 (30)	50 (2)	100 (4)	225 (9)	210 (8.4)
900 x 1200 (36" x 48")	170 (6.8)	470 (18.8)	125 (5)	110 (4.4)	70 (2.8)	280 (11.2)	45 (1.8)	235 (9.4)	300 (12)	1125 (45)	75 (3)	150 (6)	340 (13.6)	345 (13.8)
1200 x 1500 (48" x 60")	225 (9)	625 (25)	115 (4.6)	150 (6)	95 (3.8)	370 (14.8)	70 (2.8)	310 (12.4)	400 (16)	1500 (60)	100 (4)	200 (8)	450 (18)	409 (16.4)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

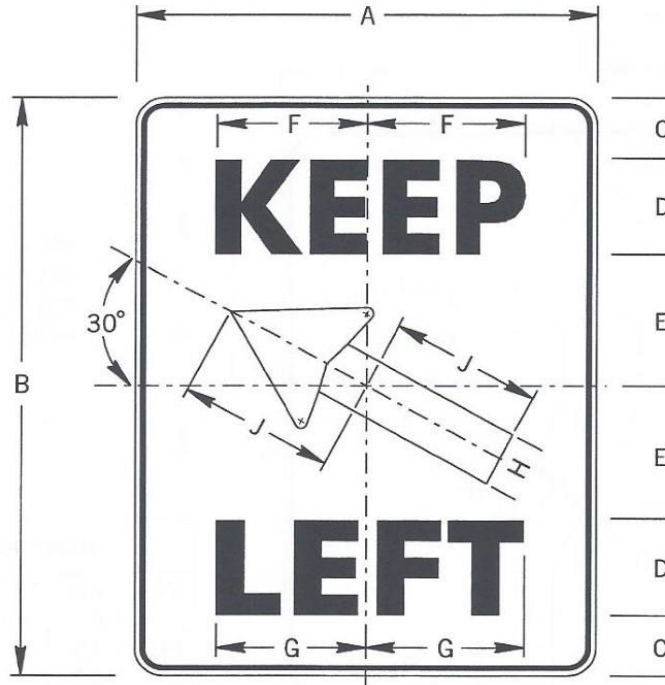
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-8B

KEEP LEFT WITH 30° ARROW SIGN

The Keep Left With 30° Arrow Sign (R4-8B) 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 left of such obstructions. The R4-8B 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 left.

The standard size of the R4-8B sign is 600 mm by 750 mm (24" x 30"), except on expressways the standard size is 900 mm by 1200 mm (36" x 48"). It may also be desirable to install a Object Marker (OMI-3) on the same sign post with the top of the marker at an approximate 1.2 m (4') height.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	75 (3)	125D (5D)	175 (7)	199 (7.9)	187 (7.3)	65 (2.6)	180 (7.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	125 (5)	200D (8D)	275 (11)	320 (12.6)	299 (11.8)	110 (4.4)	285 (11.4)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	150 (6)	250D (10D)	350 (14)	400 (15.8)	374 (14.7)	130 (5.2)	355 (14.2)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

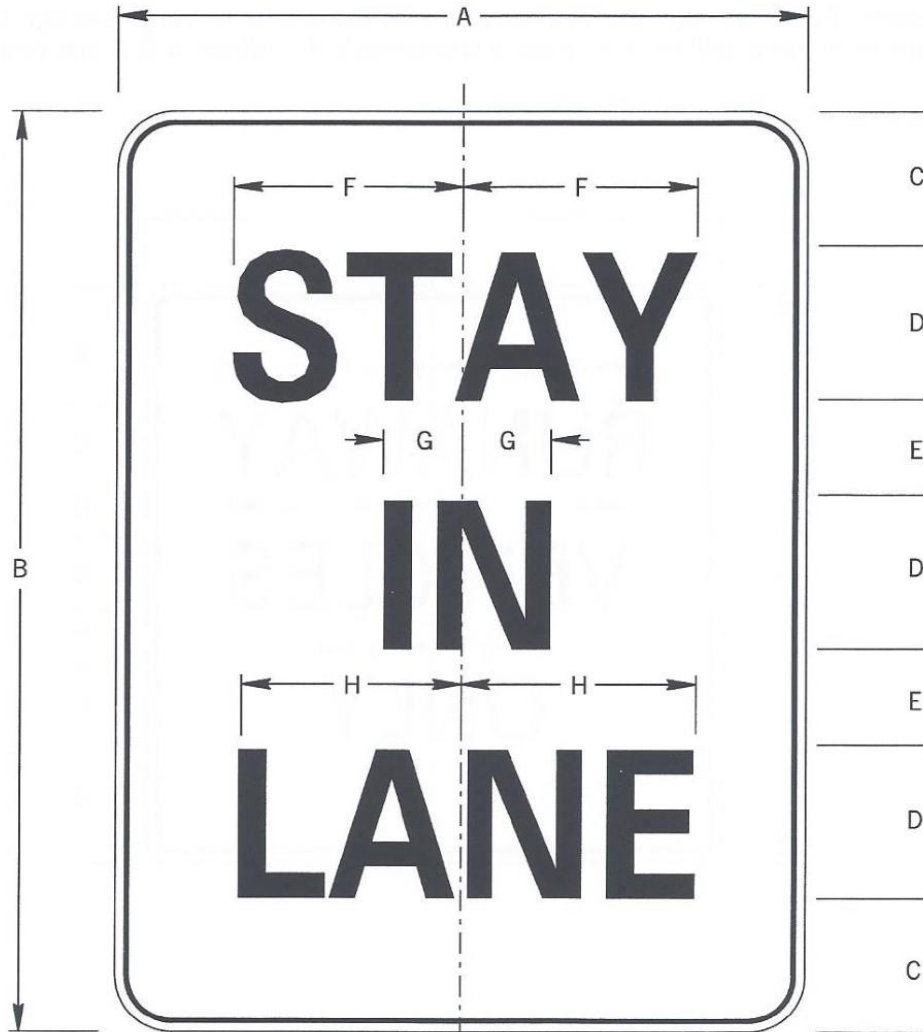
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-9

STAY IN LANE SIGN

The Stay In Lane Sign (R4-9) may be used on a multilane roadway to prohibit lane changing, or may be used on two-lane, two-way roadways at horizontal curves to prohibit vehicles crossing the centerline when traveling around the curve.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	175 (7)	200D (8D)	125 (5)	333 (13.2)	109 (4.3)	327 (12.9)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	200 (8)	250D (10D)	175 (7)	416 (16.4)	135 (5.3)	408 (16.1)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

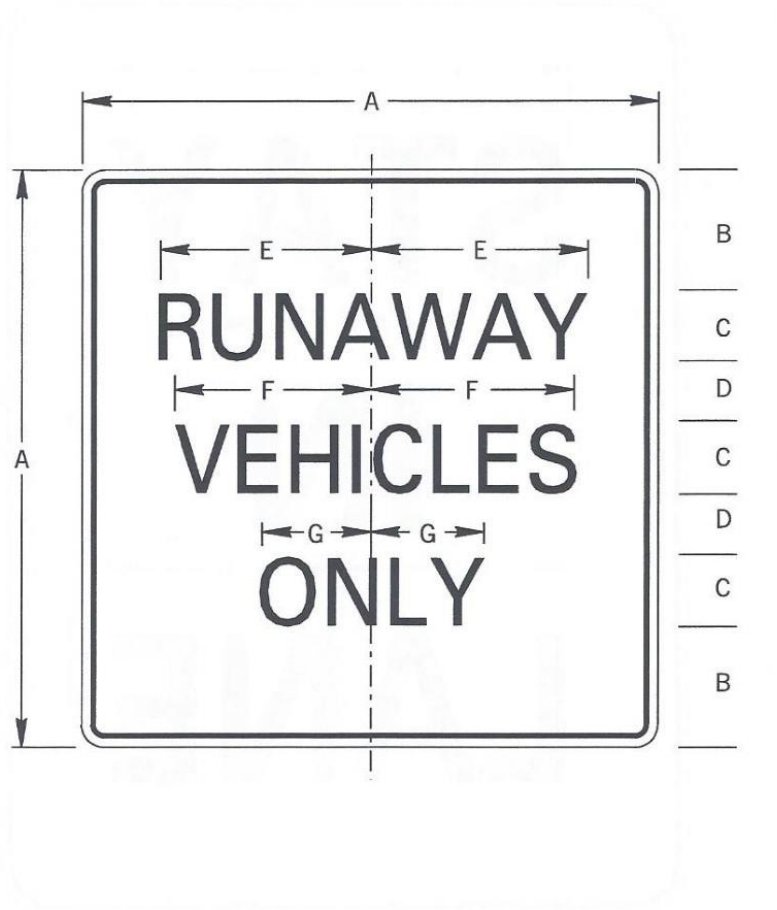
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-10

RUNAWAY VEHICLES ONLY SIGN

(a) Justification. The Runaway Vehicles Only Sign (R4-10) is authorized for use on runaway truck ramps to prohibit vehicles other than runaway vehicles from using the ramp. The Advance Runaway Truck Ramp Sign (W7-4) and the Runaway Truck Ramp Exit Sign (W7-4B) should also be used to provide advance warning of the ramp.

(b) Placement. The R4-10 sign shall be placed near the entrance of the ramp. The sign should be placed on the right side of the ramp and set at an angle of approximately 45 degrees with a line parallel to the edge of the ramp.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	250 (10)	150D (6D)	125 (5)	477 (18.8)	468 (18.5)	256 (10.1)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

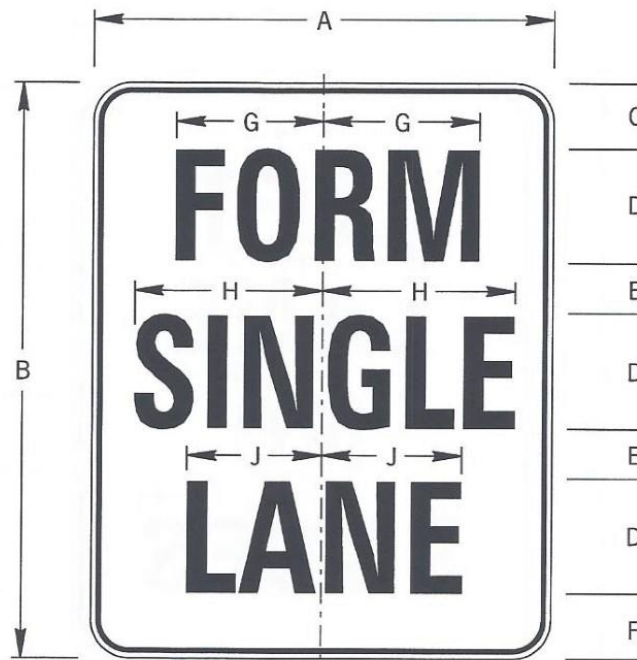
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-10-1

FORM SINGLE LANE SIGN

The Form Single Lane Sign (R4-10-1) may be used when two or more travel lanes are required to merge into a single travel lane.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	100 (4)	150B (6B)	50 (2)	100 (4)	173 (6.9)	232 (9.2)	160 (6.4)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	148 (6)	225B (9B)	115 (4.5)	147 (6)	258 (10.2)	347 (13.7)	239 (9.4)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

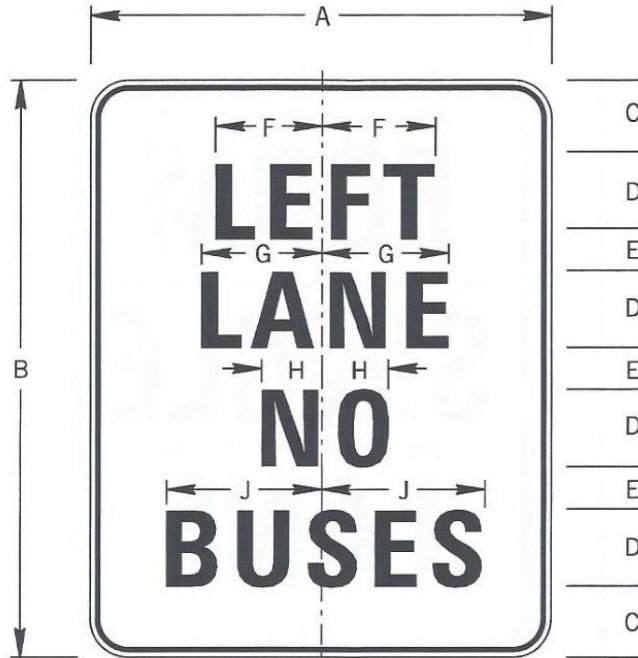
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-11

LEFT LANE NO BUSES SIGN

The Left Lane No Buses Sign (R4-11) may be used to exclude buses from certain travel lanes on multilane roadways.

The R4-11 sign may be erected alone or in a series with other signs, and shall be placed at reasonable intervals.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	185 (7.4)	200E (8E)	110 (4.4)	354 (14)	386 (15.2)	191 (7.5)	498 (19.6)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

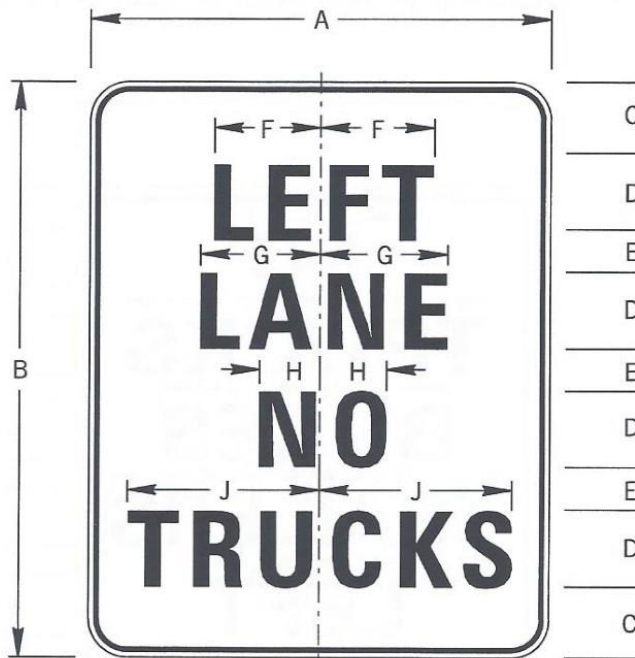
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-11-1

LEFT LANE NO TRUCKS SIGN

The Left Lane No Trucks Sign (R4-11-1) may be used to exclude trucks from certain travel lanes on multilane roadways.

The R4-11-1 sign may be erected alone or in a series with other signs and shall be placed at reasonable intervals.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	91 (3.7)	100D (4D)	56 (2.2)	150 (5.9)	163 (6.4)	82 (3.2)	255 (10)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	104 (4.1)	125D (5D)	64 (2.6)	187 (7.3)	204 (8)	102 (4)	318 (12.5)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)
1200 x 1500 (48 x 60")	185 (7.4)	200D (8D)	110 (4.4)	299 (11.8)	327 (12.9)	164 (6.5)	511 (20.2)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

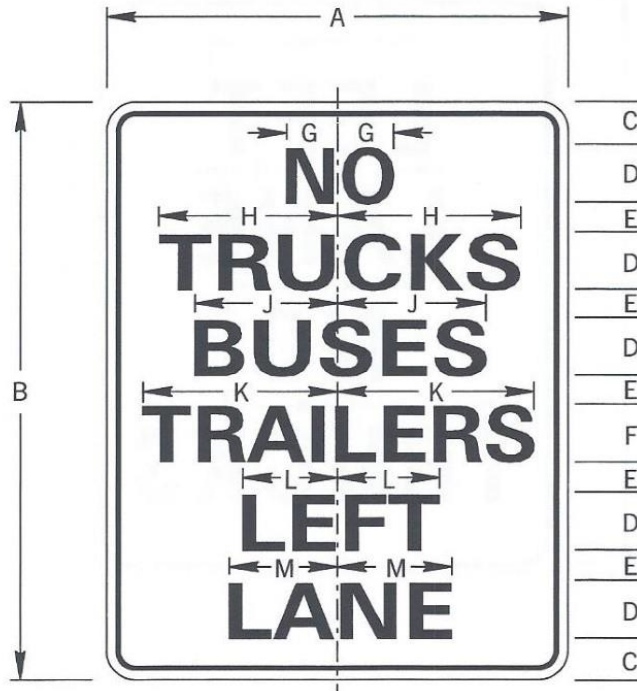
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-11-2

NO TRUCKS BUSES TRAILERS LEFT LANE SIGN

The No Trucks Buses Trailers Left Lane Sign (R4-11-2) may be used where particular types of vehicles are prohibited from using specific lanes. Such restrictions generally have limited application, such as on some high-volume freeways with three-lanes or wider roadways, where excluding large or less maneuverable vehicles from the left lane may improve traffic flow.

The R4-11-2 sign shall be placed at, or near, the beginning of the restriction. Additional signs should be placed within the restricted section, at intervals generally exceeding 2 km (1.25 miles). Where the restriction applies to the left lane of a one-way roadway, the signs should be placed on the left side of the roadway.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	110 (4.5)	150E (6E)	76 (3)	150D (6D)	143 (5.7)	447 (17.6)	373 (14.7)	471 (18.6)	267 (10.5)	289 (11.4)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

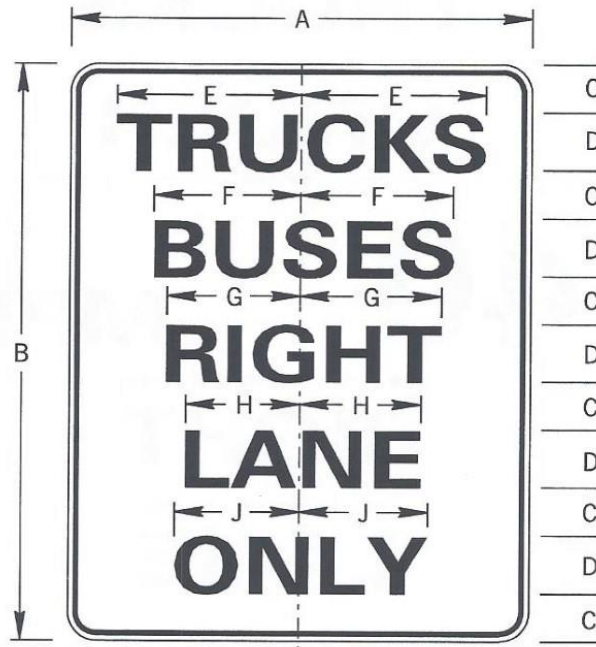
R4-12

TRUCKS BUSES RIGHT LANE ONLY SIGN

The Trucks Buses Right Lane Only Sign (R4-12) may be used to exclude trucks and buses from certain travel lanes on multilane roadways in accordance with Department regulations or in construction zones to keep trucks and buses off lanes that are not designed or constructed to carry these higher loads.

The R4-12 sign, when used, may be erected alone or in a series with other signs, and shall be placed at reasonable intervals.

The word "LEFT" may be substituted for the word "RIGHT" where applicable.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	125 (5)	150E (6E)	447 (17.6)	373 (14.7)	325 (12.8)	289 (11.4)	300 (11.8)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

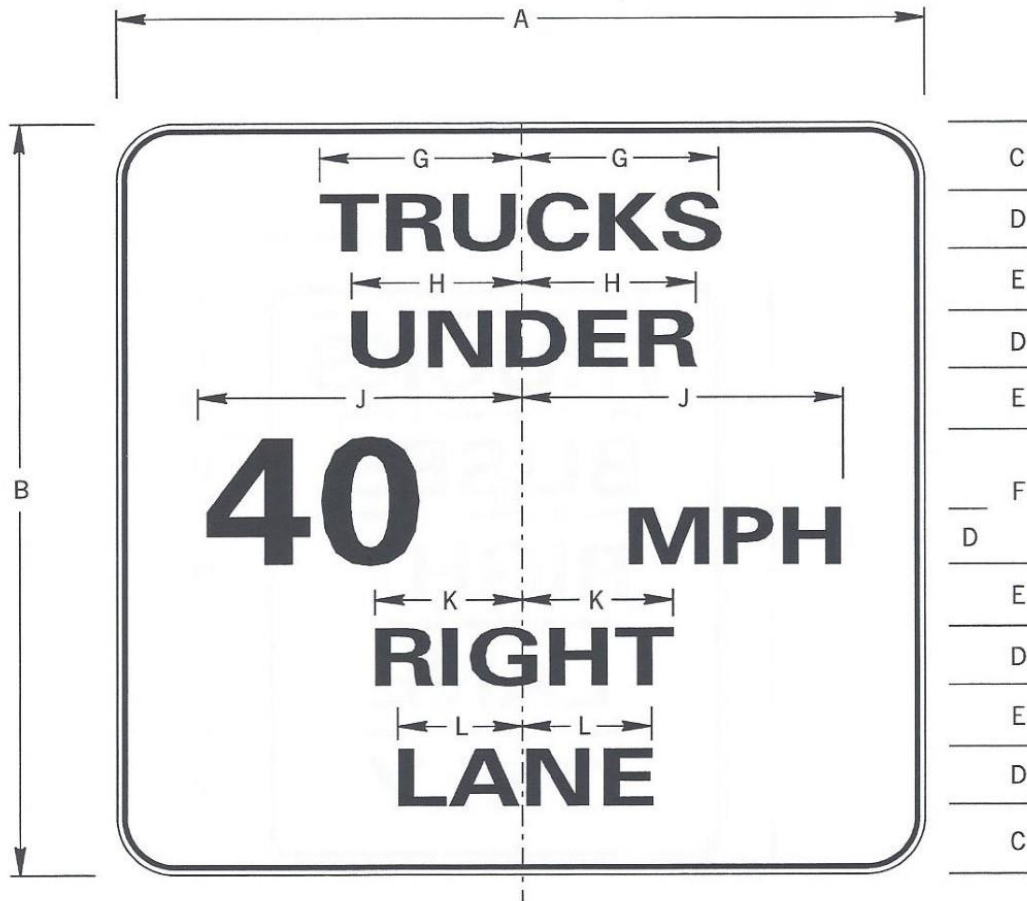
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-12-1

TRUCK MINIMUM SPEED LIMIT SIGN

(a) Justification. The Truck Minimum Speed Limit Sign (R4-12-1) may be used on grades when slow moving trucks in the left lane impedes the normal flow of traffic.

(b) Placement. The R4-12-1 sign may be erected alone or in a series with other signs and shall be placed at reasonable intervals.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
2100 x 1950 (84" x 78")	180 (7.2)	150E (6E)	160 (6.4)	350E (14E)	447 (17.6)	373 (14.7)	838 (33)	325 (12.8)	289 (11.4)	25 (1)	25 (1)	—
2550 x 2400 (102" x 96")	200 (8)	200E (8E)	200 (8)	400E (16E)	596 (23.5)	498 (19.6)	990 (39)	434 (17.1)	386 (15.2)	30 (1.2)	35 (1.4)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

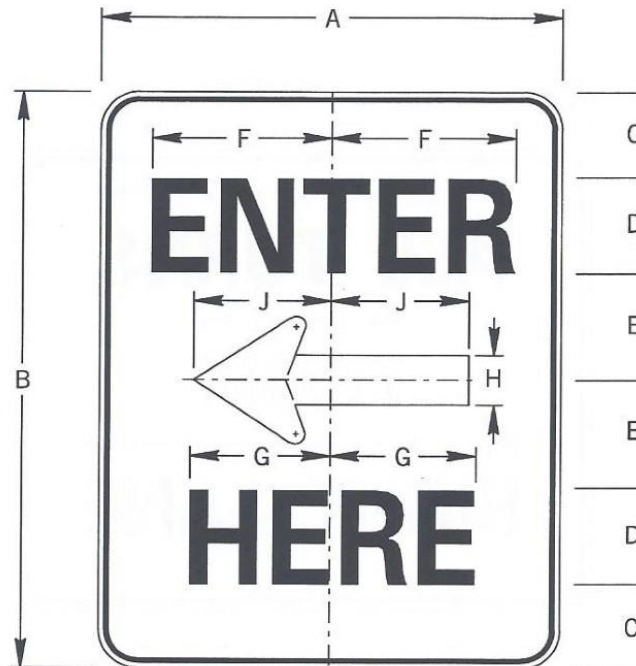
R4-14

ENTER HERE SIGN

The Enter Here Sign (R4-14) is authorized for use at ramp entrances at intersections, channelized intersections and driveways where the entrance and exit roadways are adjacent to each other and left-turning traffic may enter the exit lane by mistake. The R4-14 sign shall not, however, be installed at Interstate highway interchanges.

This sign shall be erected on the far side of the ramp, intersection or driveway.

The standard size R4-14 sign is 600 mm by 750 mm (24" x 30"). The 900 mm by 1200 mm (36" x 48") size may be used where emphasis is needed.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	110 (4.4)	125D (5D)	140 (5.6)	249 (9.8)	205 (8)	65 (2.6)	180 (7.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	170 (6.8)	175D (7D)	255 (10.2)	349 (13.8)	287 (11.3)	115 (4.6)	300 (12)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

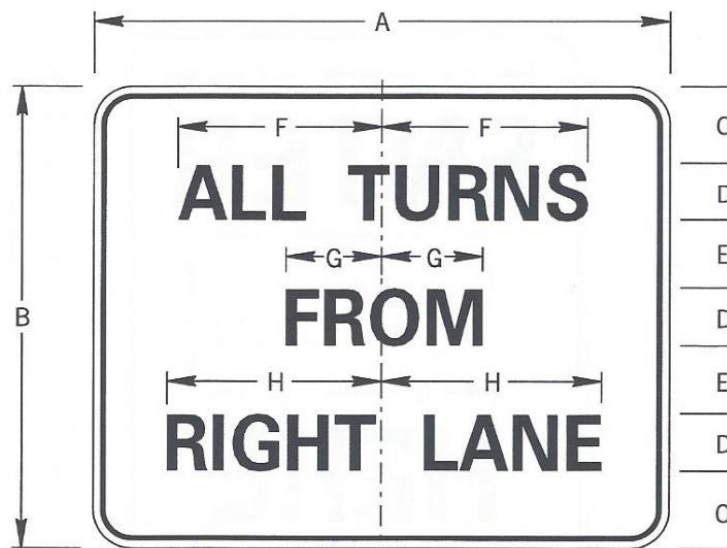
R4-15

ALL TURNS FROM RIGHT LANE SIGN

The All Turns From Right Lane Sign (R4-15) may be used on those multilane highways where left turns and U-turns are prohibited but when these movements can be indirectly accomplished by making a right turn.

The R4-15 sign shall be placed at intervals throughout the section of highway where left turns and U-turns are prohibited and in advance of all right-hand off-ramps where left turns and U-turns can be indirectly accomplished by making a right turn.

The standard size of the R4-15 sign shall be 2400 mm by 1200 mm (96" x 48"). The 1500 mm by 1200 mm (60" x 48") size may be used where there is insufficient lateral space to erect the larger size.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.	
1500 x 1200 (60" x 48")	200 (8)	150D (6D)	175 (7)	579 (22.8)	256 (10.1)	600 (23.7)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)	
2400 x 1200 (96" x 48")	150 (6)	200F (8F)	150 (6)	1000 (39.5)	462 (18.2)	1027 (40.6)	20 (0.8)	30 (1.2)	—	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

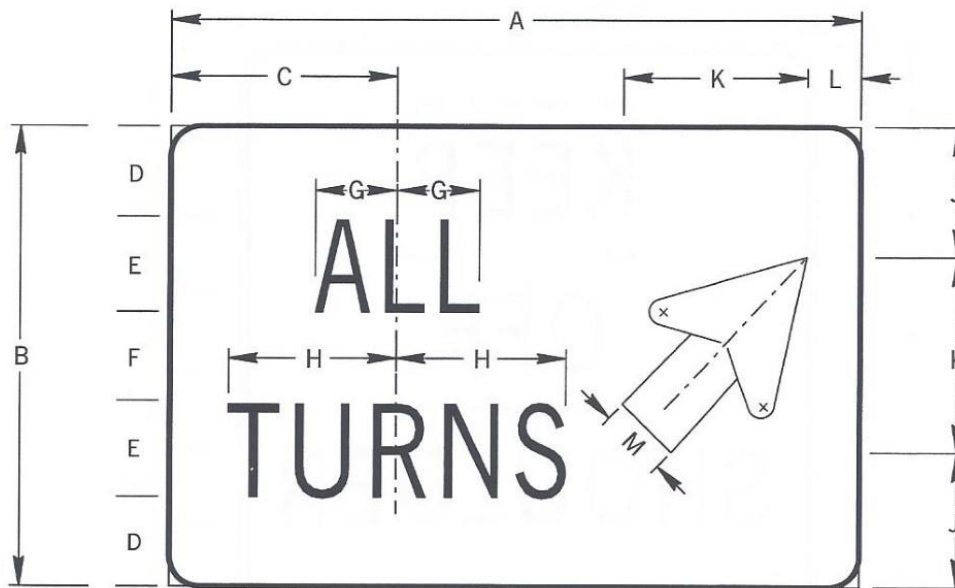
By : Alex C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-16

ALL TURNS SIGN

(a) Justification. The All Turns Sign (R4-16) shall be authorized to indicate the location of a right-hand off-ramp where left turns and U-turns are prohibited but may be indirectly accomplished by making a right-turn. Street or road names, or traffic route numbers may be included directly above this sign message.

(b) Placement. The R4-16 sign shall be placed in the gore of the off-ramp.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
1800 x 1200 (72" x 48")	590 (23.6)	235 (9.4)	250C (10C)	230 (9.2)	250 (9.8)	444 (17.5)	340 (13.6)	520 (20.8)	140 (5.6)	170 (6.8)	30 (1.2)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

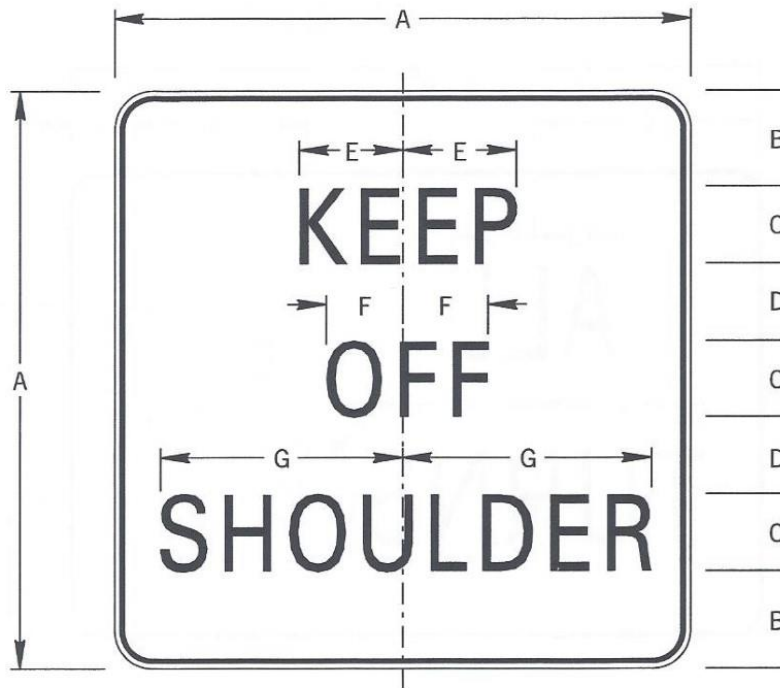
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-18

KEEP OFF SHOULDER SIGN

(a) Justification. The Keep Off Shoulder Sign (R4-18) may be used to prohibit traffic from using a shoulder when such usage creates a safety problem or damages the shoulder.

(b) Placement. When used the R4-18 sign should be installed along the shoulder in the vicinity of the problem location.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125 (5)	100C (4C)	100 (4)	133 (5.3)	100 (4)	290 (11.4)	10 (0.4)	15 (0.6)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

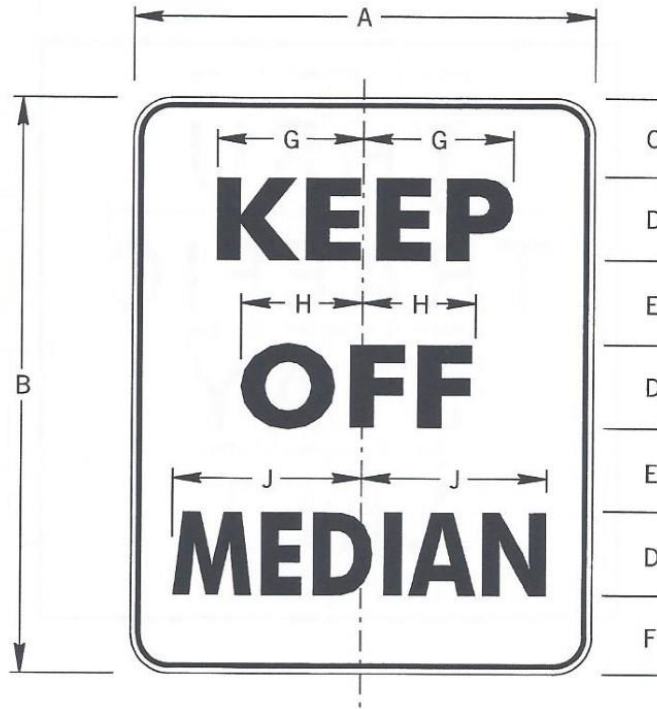
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-19

KEEP OFF MEDIAN SIGN

The Keep Off Median Sign (R4-19) may be used on the left of the roadway within the median wherever there is a tendency for drivers to enter upon or cross it, and at random intervals as needed. Where space within the median is limited, however, the sign may be erected on the right of the roadway.

The minimum size for use on freeways and expressways shall be 900 mm by 1200 mm (36" x 48").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	108 (4.3)	125C (5C)	80 (3.2)	107 (4.3)	166 (6.6)	125 (4.9)	250 (9.8)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	188 (7.5)	175C (7C)	150 (6)	187 (7.5)	231 (9.1)	174 (6.8)	350 (13.8)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

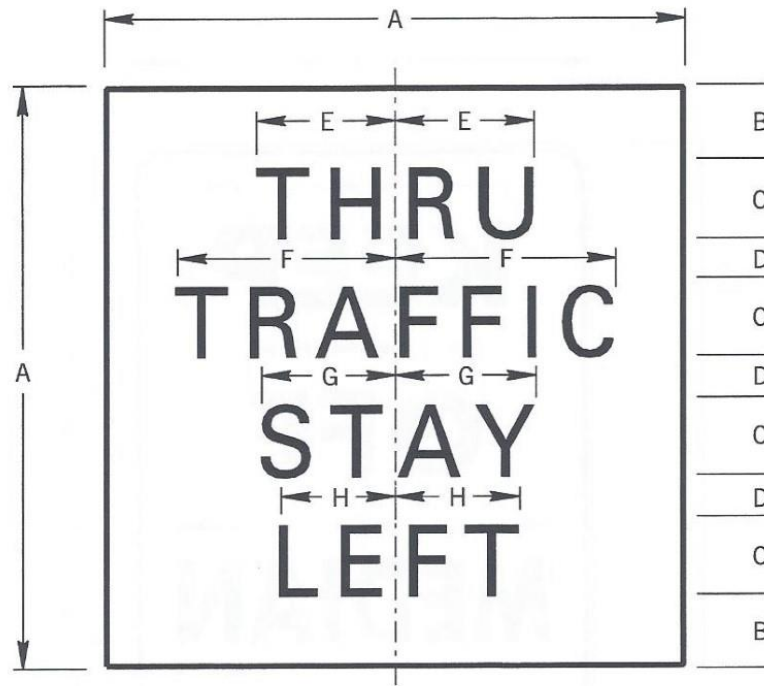
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R4-20

THRU TRAFFIC STAY LEFT SIGN

The Thru Traffic Stay Left Sign (R4-20) 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 - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	185 (7.4)	200E (8E)	110 (4.4)	391 (15.4)	636 (25)	394 (15.5)	354 (14)	35 (1.4)	B3-1500 (B3-60)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

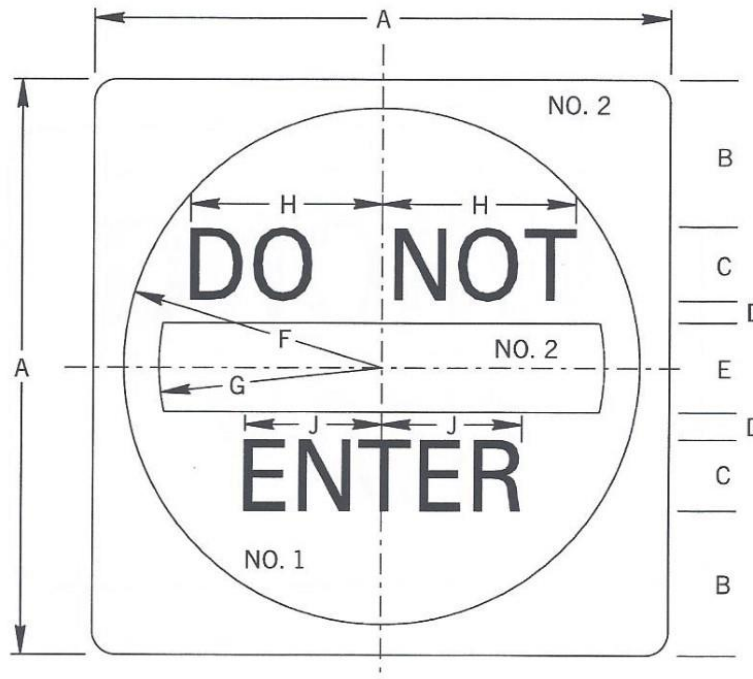
R5-1

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.

(b) Placement. The R5-1 sign should normally be mounted on the right-hand side of the roadway, facing traffic entering the roadway or ramp in the wrong direction. However, a second sign on the left-hand side of the roadway may be justified, particularly where traffic may be approaching in a turn.

(c) Size. The standard size of the R5-1 sign shall be 750 mm by 750 mm (30" x 30"). The standard size for expressways shall be 900 mm by 900 mm (36" x 36").



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	BLANK STD.
750 x 750 (30" x 30")	165 (6.6)	100D (4D)	47 (1.9)	126 (5)	365 (14.6)	310 (12.4)	251 (9.9)	199 (7.9)	B3-750 (B3-30)
900 x 900 (36" x 36")	190 (7.6)	125D (5D)	60 (2.4)	150 (6)	440 (17.6)	375 (15)	314 (12.4)	249 (9.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	275 (11)	150D (6D)	75 (3)	200 (8)	590 (23.6)	500 (20)	377 (14.9)	298 (11.8)	B3-1200 (B3-48)

COLOR:

NO. 1:

LEGEND:

WHITE (REFLECTORIZED)

BACKGROUND:

RED (REFLECTORIZED)

NO. 2:

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

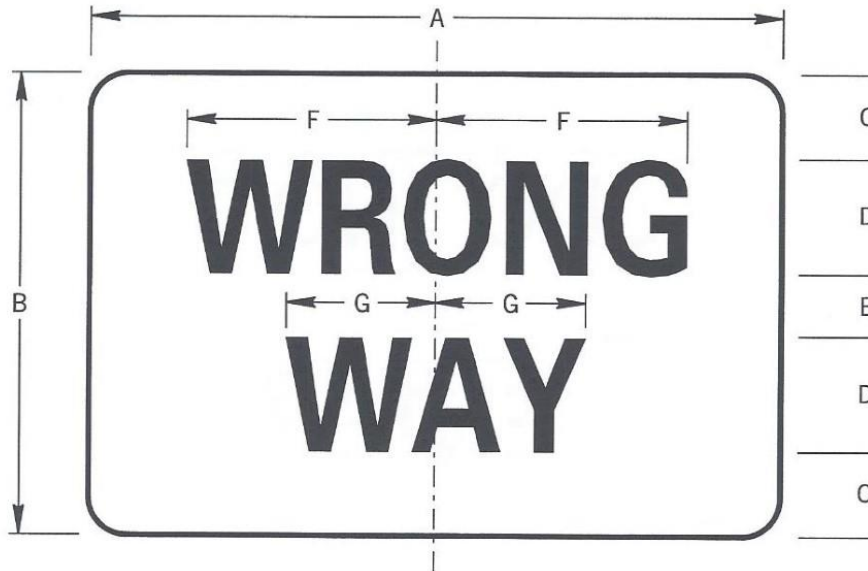
R5-1A

WRONG WAY SIGN

The Wrong Way Sign (R5-1A) may be used as a supplement to the Do Not Enter Sign (R5-1) when an exit ramp intersects a crossroad or a crossroad intersects a divided highway in a manner that may invite wrong-way entry.

The R5-1A sign should be placed at a location along the exit ramp or the divided roadway farther from the intersection than the Do Not Enter Sign.

The standard size of the R5-1A sign shall be 900 mm by 600 mm (36" x 24").



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	BOR- DER	BLANK STD.
900 x 600 (36" x 24")	110 (4.4)	150D (6D)	80 (3.2)	337 (13.3)	205 (8.1)	20 (0.8)	B5-900600 (B5-3624)
1200 x 900 (48" x 36")	175 (7)	200D (8D)	150 (6)	452 (17.8)	273 (10.8)	25 (1)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

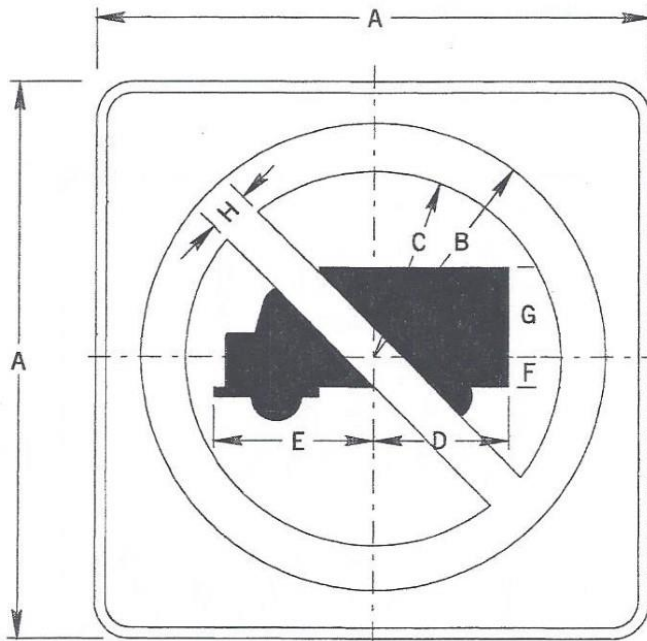
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 Deliveries Sign (R5-2-3) shall be mounted beneath the R5-2 sign.

(b) Size. The standard size of the R5-2 sign shall be 600 mm by 600 mm (24" x 24").



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	262 (10.5)	212 (8.5)	162 (6.5)	187 (7.5)	94 (1.8)	107 (4.3)	50 (2)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	330 (13.2)	265 (10.6)	203 (8.1)	234 (9.4)	117 (4.7)	133 (5.3)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	395 (15.8)	320 (12.8)	244 (9.8)	282 (11.3)	141 (5.6)	160 (6.4)	75 (3)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	525 (21)	425 (17)	325 (13)	375 (15)	188 (7.5)	213 (8.5)	100 (4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND SLASH:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-2-3

EXCEPT LOCAL DELIVERIES SIGN

The Except Local Deliveries Sign (R5-2-3) may be used below the No Trucks Sign (R5-2), Weight Limit () Tons Sign (R12-1), and the Except Combinations () Tons Sign (R12-5A) when kinds or 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 R5-2-3 sign shall not, however, be used when a bridge or other structure is not capable of supporting the legal weight limit. The term "RESIDENTIAL" may be substituted for "LOCAL" if there is a commercial development in the area and satisfactory alternate access roadways exist for the commercial development.

When used the R5-2-3 sign shall be mounted below the R5-2, R12-1, or R12-5A sign. The R5-2-3 sign shall be the same width as the sign it supplements.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	63 (2.5)	75C (3C)	50 (2)	62 (2.5)	154 (6.1)	129 (5.1)	235 (9.3)	10 (0.4)	10 (0.4)	B5-600450 (B5-2418)
900 x 750 (36" x 30")	103 (4.1)	125C (5C)	85 (3.4)	102 (4.1)	256 (10.1)	215 (8.4)	392 (15.4)	15 (0.6)	15 (0.6)	B5-900750 (B5-3630)
1200 x 900 (48" x 36")	125 (5)	150C (6C)	100 (4)	125 (5)	307 (12.1)	257 (10.2)	470 (18.5)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

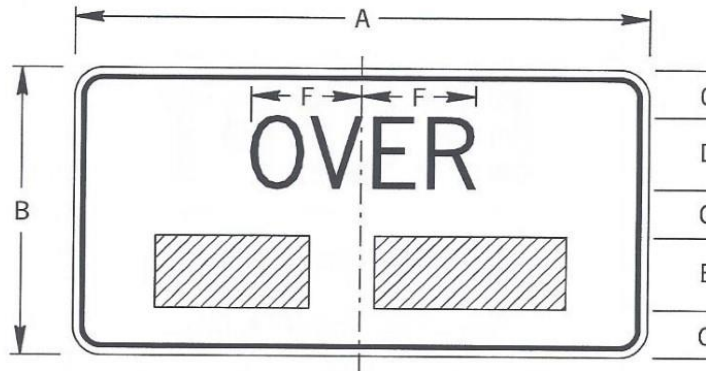
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-2-4

TRUCK WEIGHT (LENGTH) RESTRICTION PANEL

(a) Justification. The Truck Weight (Length) Restriction Panel (R5-2-4) 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 R5-2-4 sign, when used, shall be mounted below the No Trucks Sign (R5-2).



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	50 (2)	75D (3D)	75* (3*)	126 (5)	10 (0.4)	10 (0.4)	B5-600300 (B5-2412)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-2-5

EXCEPT LOCAL TRAFFIC SIGN

The Except Local Traffic Sign (R5-2-5) 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 - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	103 (4.1)	125C (5C)	85 (3.4)	102 (4.1)	256 (10.1)	215 (8.4)	281 (11.1)	15 (0.6)	15 (0.6)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3

NO MOTOR VEHICLES SIGN

(a) Justification. The No Motor Vehicles Sign (R5-3) may be used where motor vehicles are prohibited from using a bicycle trail or other facility.

(b) Placement. The R5-3 sign should be placed at the entrance points to the bicycle trail or at any other necessary location.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	85 (3.4)	100C (4C)	65 (2.6)	68 (2.7)	184 (7.3)	246 (9.7)	10 (0.4)	15 (0.6)	B3-600 (B3-24)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

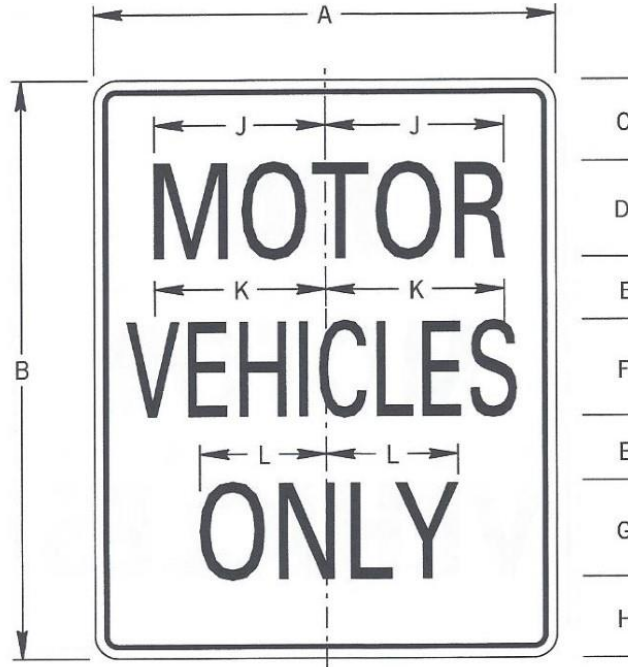
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-1

MOTOR VEHICLES ONLY SIGN

(a) Justification. The Motor Vehicles Only Sign (R5-3-1) shall be authorized for use where the Secretary, by resolution or ruling or State Law prohibits pedestrians, bicycles and all other than motorized vehicular traffic from freeways and expressways.

(b) Placement. The R5-3-1 sign should be placed on entrance ramps or elsewhere where access is available.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	113 (4.5)	125C (5C)	75 (3)	125B (5B)	125D (5D)	112 (4.5)	230 (9.1)	260 (10.3)	213 (8.4)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

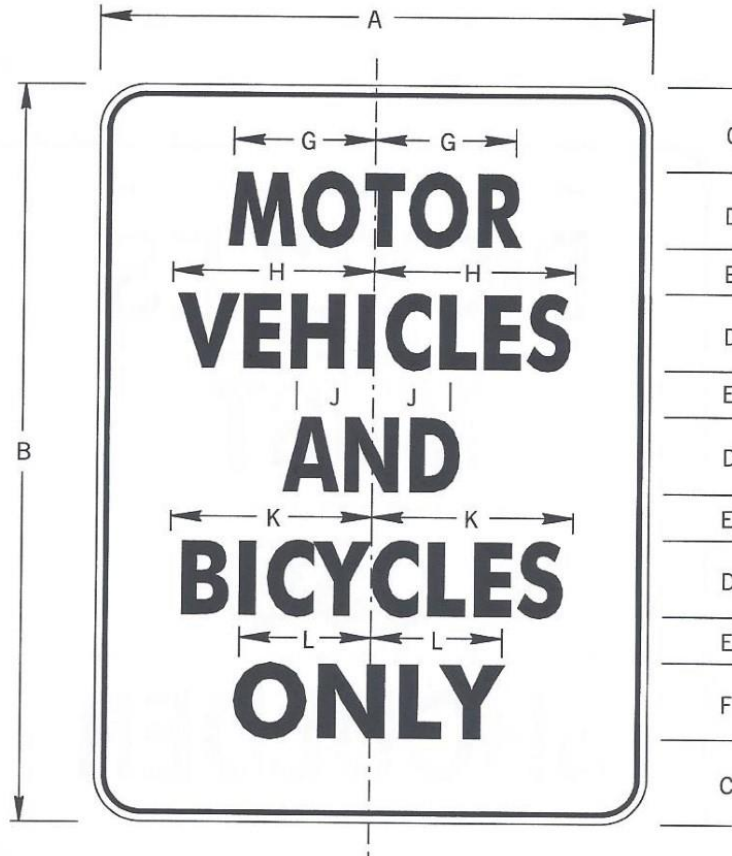
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-1A

MOTOR VEHICLES AND BICYCLES ONLY SIGN

The Motor Vehicles and Bicycles Only Sign (R5-3-1A) shall be used at all freeway entrance ramps for those sections of freeway where bicycles as well as motor vehicles are permitted. It should be placed at the beginning of the ramp where bicyclists and motorists can see it and before motorists are involved with the actual merge movement onto the freeway proper. The Bicycle Restrictions Sign (R5-3-1D) shall be mounted below the R5-3-1A sign.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	138 (5.5)	125C (5C)	75 (3)	125D (5D)	229 (9.1)	327 (12.9)	133 (5.3)	327 (12.9)	213 (8.4)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-1B

BICYCLES MUST USE SHOULDER SIGN

The Bicycles Must Use Shoulder Sign (R5-3-1B) shall be used to direct bicyclists to the proper position on the highway and alert motorists to the presence of bicyclists on the freeway. The R5-3-1B sign shall be used on freeway segments where bicyclists are permitted. They shall be placed along the roadway so they can be viewed by both bicyclists and motorists.



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150 (6)	150C (6C)	100 (4)	393 (15.5)	216 (8.5)	153 (6)	434 (17)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-1C

ALL BICYCLES MUST EXIT SIGN

The All Bicycles Must Exit Sign (R5-3-1C) shall be used at freeway interchange exit ramps beyond which bicycles are not permitted.



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150 (6)	150C (6C)	100 (4)	150 (5.9)	393 (15.5)	216 (8.5)	170 (6.7)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

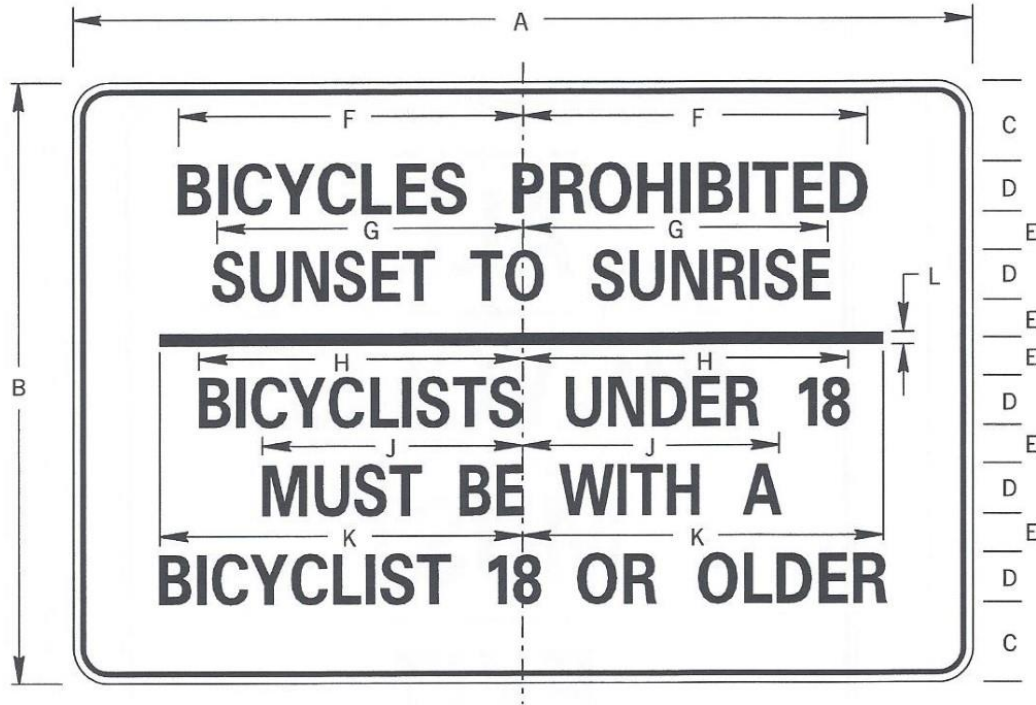
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-1D

BICYCLE RESTRICTIONS SIGN

The Bicycle Restrictions Sign (R5-3-1D) shall indicate the age restrictions for bicyclists on freeways. The (R5-3-1D) sign shall be mounted below the Motor Vehicles and Bicycles Only Sign (R5-3-1A).



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 600 (36" x 24")	75 (3)	50C (2C)	40 (1.6)	317 (12.5)	306 (12)	323 (12.7)	258 (10)	362 (14.3)	15 (0.6)	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-2

PEDESTRIANS ONLY SIGN

(a) Justification. The Pedestrians Only Sign (R5-3-2) may be used where vehicles are prohibited from using a sidewalk, walkway or section of highway.

(b) Placement. The R5-3-2 sign shall be erected at the beginning of the facility that vehicles are prohibited from, and shall be oriented to be visible by approaching traffic.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	55 (2.2)	75C (3C)	40 (1.6)	269 (10.6)	105 (4.1)	10 (0.4)	10 (0.4)	B5-600300 (B5-2412)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

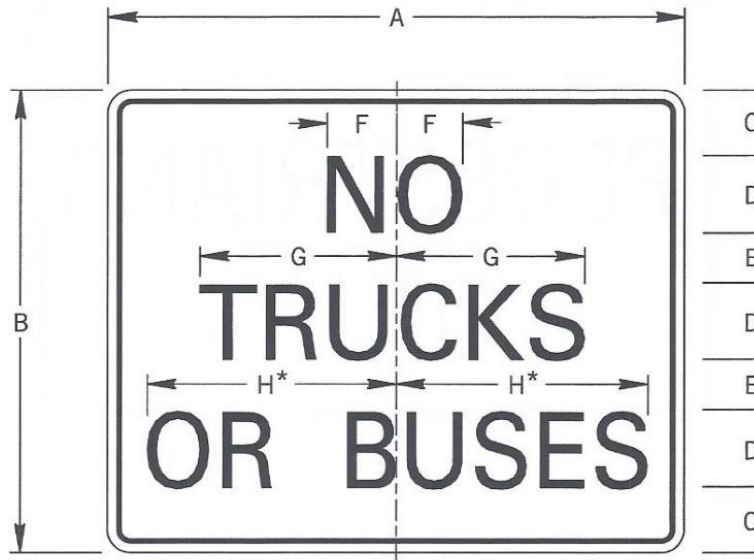
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-4

NO TRUCKS OR BUSES SIGN

(a) Justification. The No Trucks Or Buses Sign (R5-3-4) shall be authorized to prohibit trucks and buses from using a roadway or a structure.

(b) Placement. The R5-3-4 sign shall be erected immediately in advance of the beginning of the restricted area. In addition, the sign shall be erected at the last intersection along with a () Miles Ahead Sign (R12-1-1) indicating the distance to the beginning of the restriction in order to allow restricted vehicles to use an alternate route.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	85 (3.4)	100D (4D)	65 (2.6)	82 (3.2)	255 (10)	317 (12.5)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

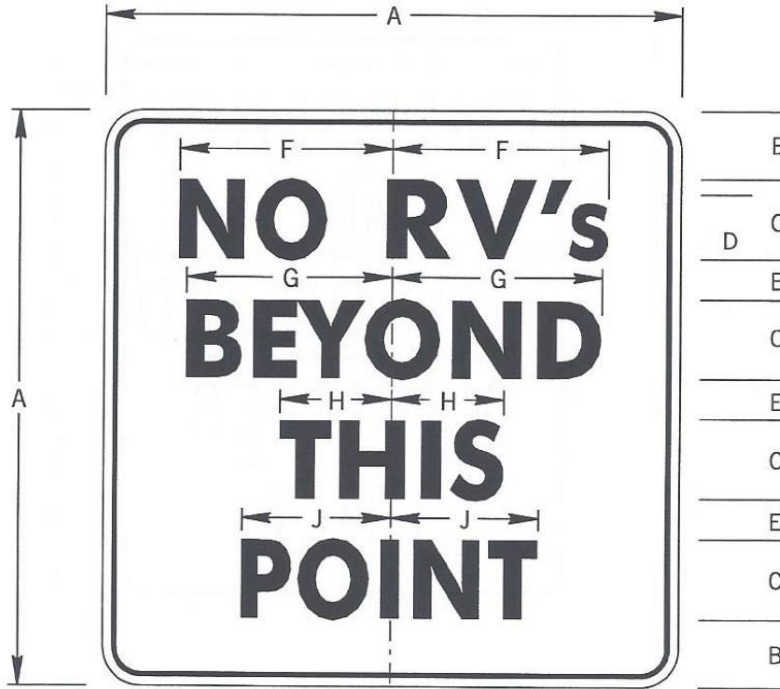
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-5

NO RV'S BEYOND THIS POINT SIGN

The No RV's Beyond This Point Sign (R5-3-5) may be used to prohibit recreational vehicles from using a roadway or structure in accordance with an engineering and traffic study.

The R5-3-5 sign should be erected immediately in advance of the beginning of the restricted area. In addition, the sign should be placed in a location to allow vehicles to use an alternate route or perform a U-turn.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	79 (3.1)	100D (4D)	75D (3D)	64 (2.6)	264 (10.4)	264 (10.4)	141 (5.6)	186 (7.3)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
900 x 900 (36" x 36")	104 (4.1)	125D (5D)	100D (4D)	64 (2.6)	332 (13.1)	330 (12.9)	176 (6.9)	232 (9.1)	10 (0.4)	15 (0.6)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

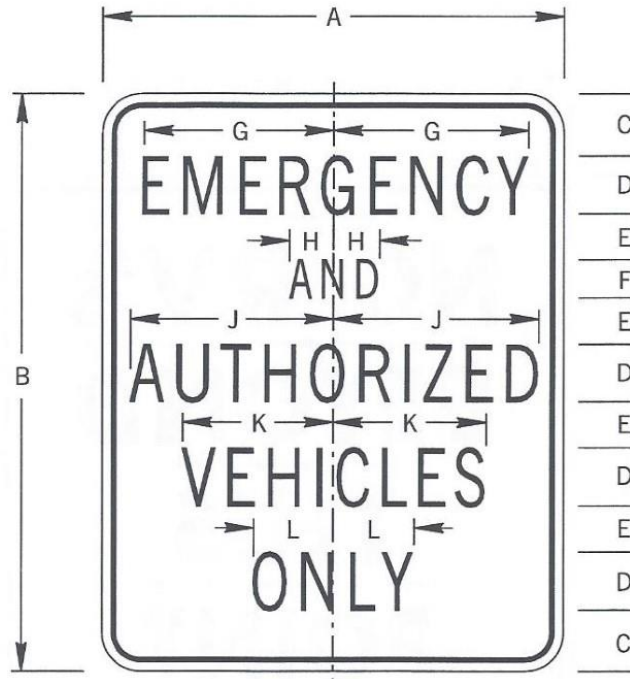
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-3-6

EMERGENCY AND AUTHORIZED VEHICLES ONLY SIGN

The Emergency and Authorized Vehicles Only Sign (R5-3-6) shall be authorized for use to mark median crossovers for the use indicated on freeways and expressways. This sign should be placed on the far side of the crossover.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	80 (3.2)	75C (3C)	60 (2.4)	50C (2C)	244 (9.6)	54 (2.1)	258 (10.2)	197 (7.8)	105 (4.1)	10 (0.4)	10 (0.4)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

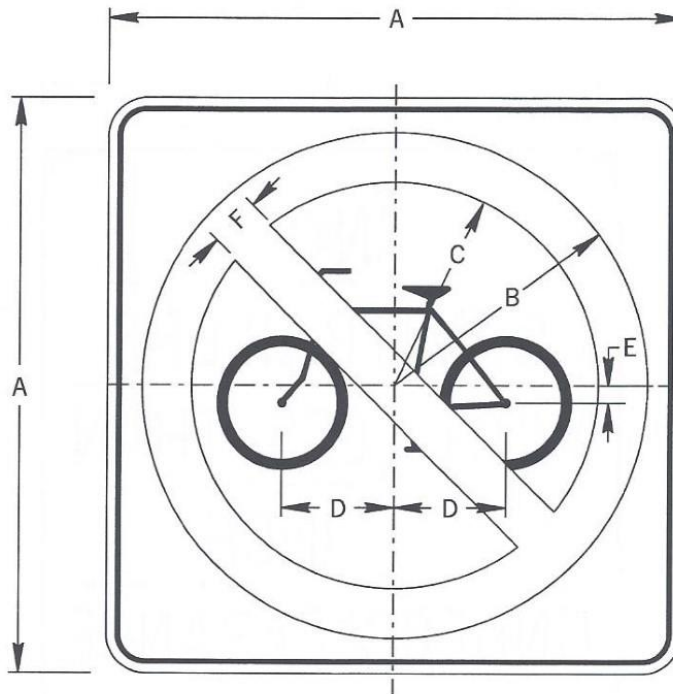
R5-6

NO BICYCLES SIGN

(a) Justification. The No Bicycles Sign (R5-6) shall be authorized for use where it has been determined by the Department or local authorities by ordinance, resolution or ruling that bicycles shall be prohibited.

(b) Placement. The R5-6 sign shall be placed at each end of the restricted section of highway and at all intersections within the restricted section.

(b) Size. The standard size of the R5-6 sign shall be 600 mm by 600 mm (24" x 24").



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	262 (10.5)	212 (8.5)	120 (4.8)	20 (0.8)	50 (2)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	330 (13.2)	265 (10.6)	145 (5.8)	22 (0.9)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND SLASH:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

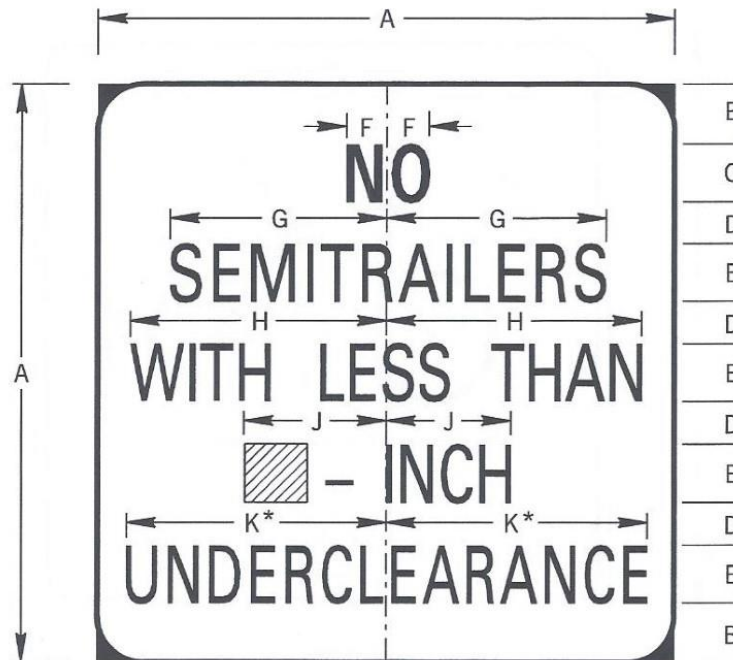
By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-7

SEMITRAILER MINIMUM UNDERCLEARANCE SIGN

(a) Justification. The Semitrailer Minimum Underclearance Sign (R5-7) shall be authorized when it has been determined that it is necessary to prohibit semitrailers with an underclearance less than a specified dimension. This restriction would be applicable on crest vertical curves, especially over a railroad grade crossing.

(b) Placement. The R5-7 sign should be located immediately in advance of the section of highway to which it applies. In the case of an extended distance between the restriction and the nearest intersection, a second sign should be placed not more than 7.5 m (25') beyond the intersection so as to be clearly visible from all vehicles about to enter the highway with the restriction.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	155 (6.2)	150D (6D)	110 (4.4)	150C (6C)	123 (4.8)	588 (23.2)	692 (27.3)	399 (15.7)	668 (26.5)	20 (0.8)	B3-1500 (B3-60)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

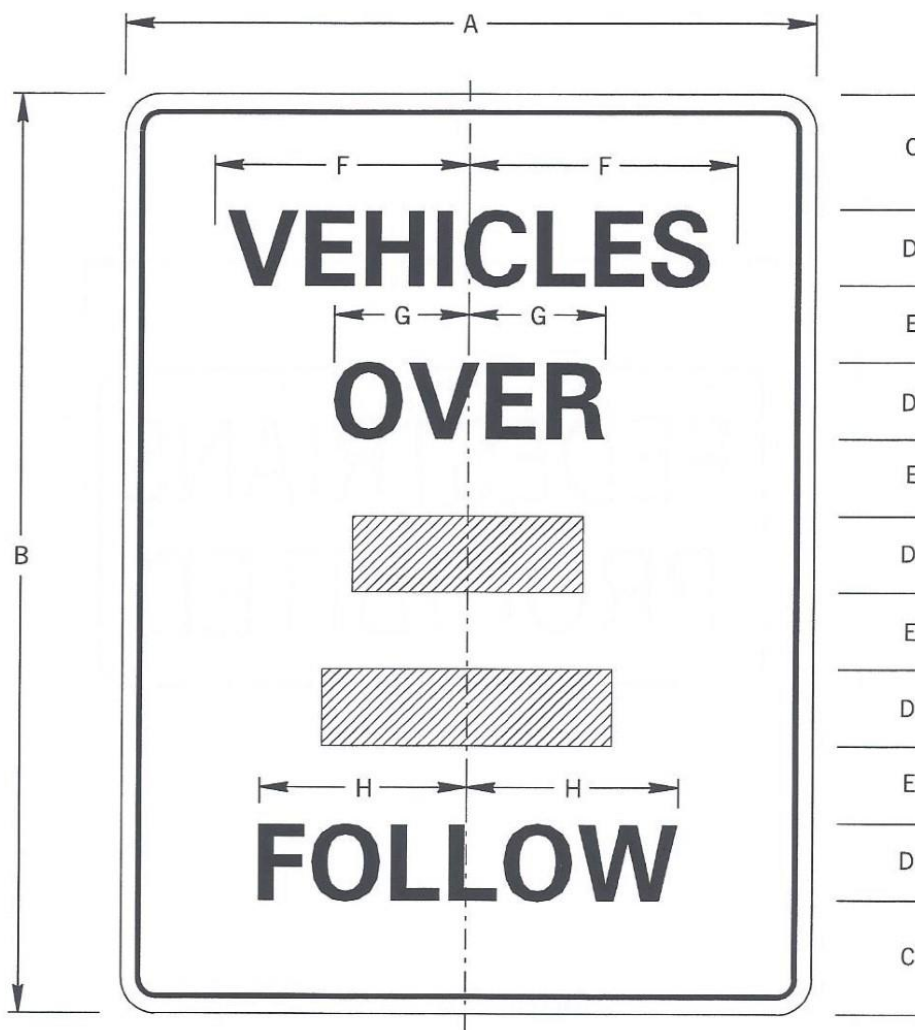
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-10

VEHICLES OVER () () FOLLOW SIGN

The Vehicles Over () () Follow Sign (R5-10) may be used to establish an alternate route for vehicles that exceed a specific vertical, width, length or weight restriction along a highway. When used, a Red Arrow Sign (G20-6-1) shall be mounted below the R5-10 sign and along the alternate route for routing purposes. Additional colors may be used for the arrow sign.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	150 (6)	100E (4E)	100 (4)	368 (14.5)	198 (7.8)	305 (12)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-10C

PEDESTRIANS PROHIBITED SIGN

(a) Justification. The Pedestrians Prohibited Sign (R5-10C) may be used where pedestrians are prohibited from using the highway or other facility.

(b) Placement. The R5-10C sign should be placed at the entrance points to the highway or at any other necessary location.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	55 (2.2)	75C (3C)	40 (1.6)	269 (10.6)	241 (9.5)	10 (0.4)	10 (0.4)	B5-600300 (B5-2412)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

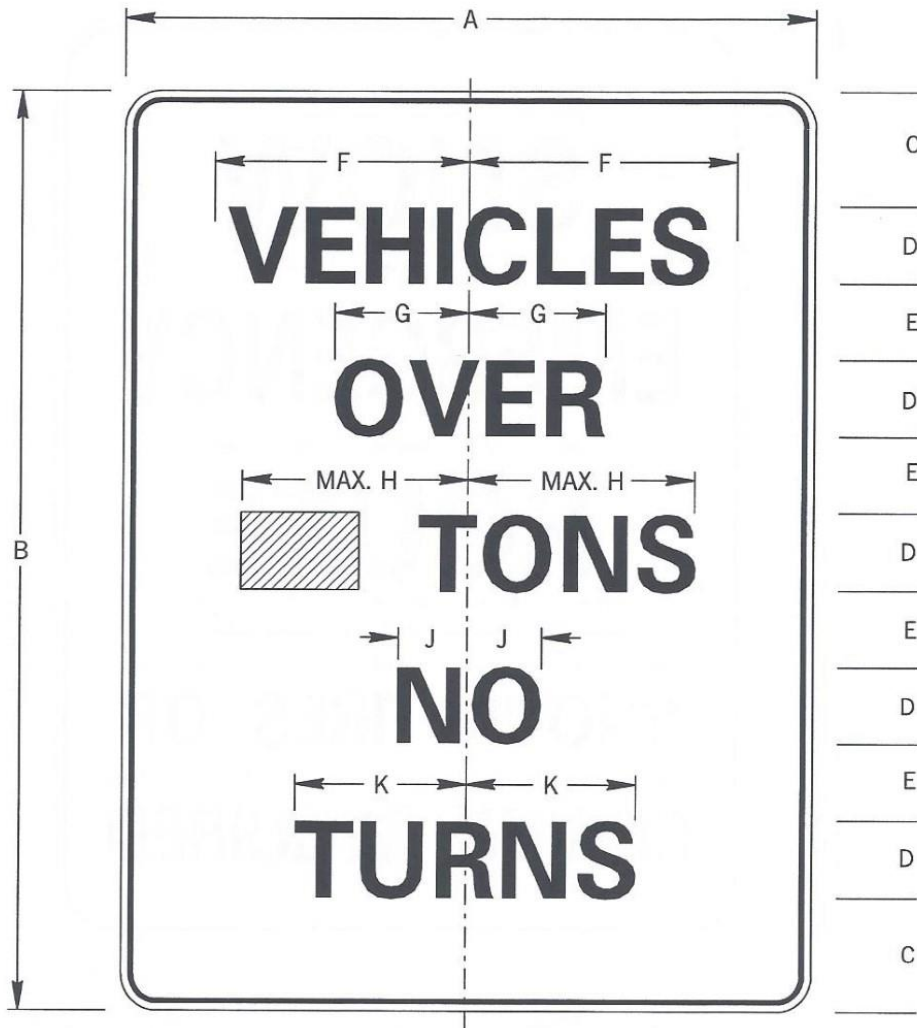
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-10-1

VEHICLES OVER () TONS NO TURNS SIGN

The Vehicles Over () Tons No Turns Sign (R5-10-1) may be used to prohibit vehicles over a designated weight from turning into an intersecting street.

The R5-10-1 sign, when used, shall be placed in advance of the intersection and near right and far left at the intersecting, except at a T-intersection where a right turn only is prohibited, the far left sign is not required.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	150 (6)	100E (4E)	100 (4)	368 (14.5)	198 (7.8)	345 (13.6)	96 (3.8)	249 (9.8)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-11

SNOW EMERGENCY ROUTE SIGN

The Snow Emergency Route Sign (R5-11) may be used at the entrances to limited access highways which have officially been designated as snow emergency routes in accordance with 67 PA Code, Chapter 213 (relating to snow emergency routes).



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
900 x 1200 (36" x 48")	150 (6)	125D (5D)	100 (4)	125C (5C)	75 (3)	75C (3C)	100 (4)	227 (8.9)	384 (15.1)	258 (10.1)	300 (12)

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	P	Q	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	355 (14)	388 (15.3)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

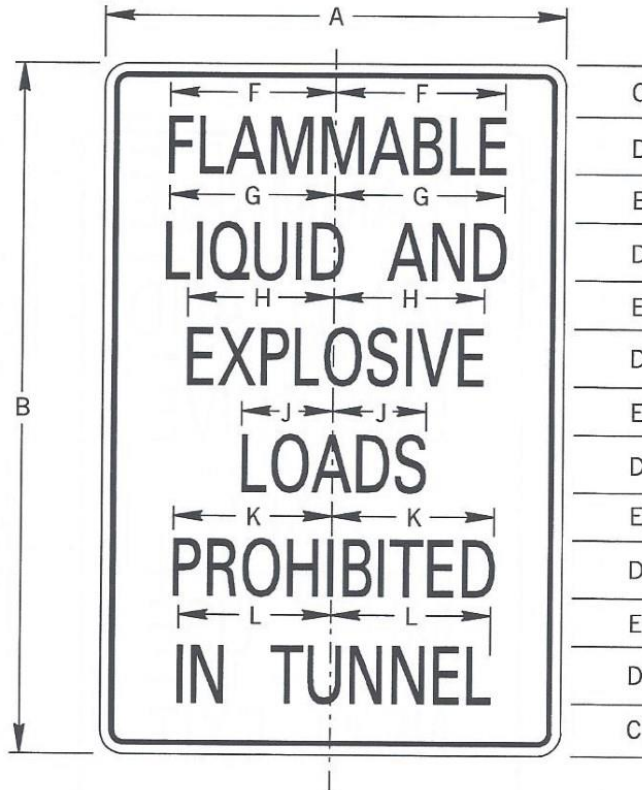
By: Alan C. Rowe Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-20

FLAMMABLE LIQUID AND EXPLOSIVE LOADS PROHIBITED IN TUNNEL SIGN

(a) Justification. The Flammable Liquid And Explosive Loads Prohibited In Tunnel Sign (R5-20) shall be authorized for use when vehicles carrying flammable liquid or explosive loads are prohibited within a tunnel.

(b) Placement. The R5-20 sign shall be placed in advance of the tunnel entrance.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1800 (48" x 72")	135 (5.5)	150C (6C)	126 (5)	489 (19.3)	498 (19.7)	453 (17.8)	265 (10.5)	481 (18.9)	456 (18)	20 (0.8)	20 (0.8)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

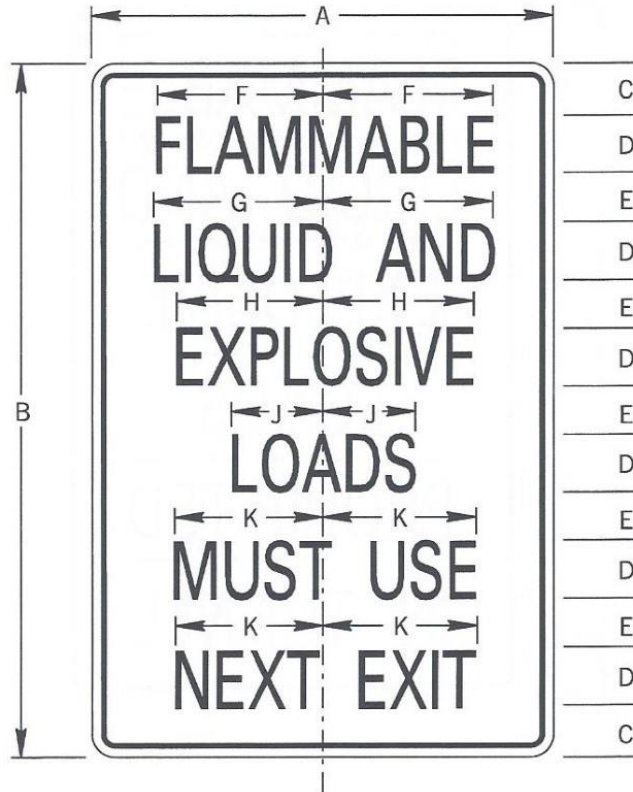
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-20-1

FLAMMABLE LIQUID AND EXPLOSIVE LOADS MUST USE NEXT EXIT SIGN

(a) Justification. The Flammable Liquid And Explosive Loads Must Use Next Exit Sign (R5-20-1) shall be authorized for use in advance of a designated section of limited access highway where vehicles carrying flammable liquid or explosive loads are prohibited. It shall be used in conjunction with the Flammable Liquid and Explosive Loads Prohibited In Tunnel Sign (R5-20).

(b) Placement. The R5-20-1 sign shall be placed in advance of the last exit prior to entering the section of highway where said vehicles are prohibited. Care should be taken in selecting the exit to assure there are no restrictions affecting the vehicles that must use it.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1800 (48" x 72")	135 (5.5)	150C (6C)	126 (5)	489 (19.3)	498 (19.7)	453 (17.8)	265 (10.5)	445 (17.5)	20 (0.8)	20 (0.8)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-21

HAZARDOUS LOADS WITH PLACARDS PROHIBITED SIGN

The Hazardous Loads With Placards Prohibited Sign (R5-21) may be used to prohibit placarded hazardous materials from a section of roadway.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	125 (5)	150C (6C)	497 (19.6)	265 (10.5)	186 (7.4)	425 (16.8)	481 (18.9)	20 (0.8)	20 (0.8)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-21-1

HAZARDOUS MATERIALS MUST FOLLOW DETOUR SIGN

The Hazardous Materials Must Follow Detour Sign (R5-21-1) may be used to prohibit materials from a section of roadway and to require the vehicles to follow a detour route.



DIMENSIONS – mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	125 (5)	150C (6C)	497 (19.6)	451 (17.8)	216 (8.5)	327 (12.9)	314 (12.4)	20 (0.8)	20 (0.8)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

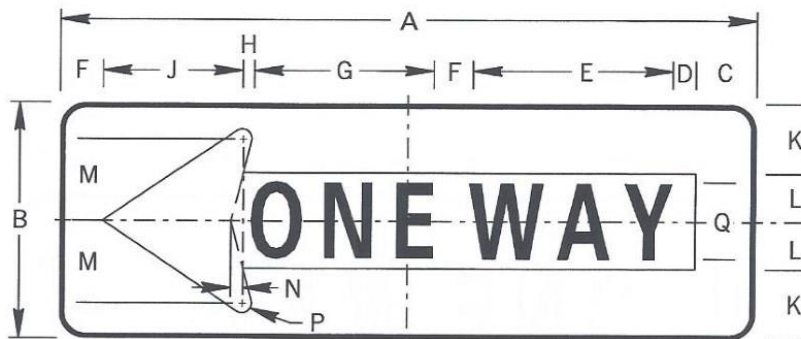
R6-1L

HORIZONTAL LEFT ONE-WAY SIGN

(a) Justification. The Horizontal Left One-Way Sign (R6-1L) shall be authorized for use to indicate a street, roadway, or alley upon which vehicular traffic is permitted to travel in only one direction.

(b) Placement. At unsignalized intersections, the R6-1L sign shall be placed on the near right-hand and the far left-hand corners of the intersection so as to face traffic entering or crossing the one-way street. At signalized intersections, the R6-1L sign shall be placed either near the appropriate signal faces, on poles holding the traffic signals, on mast arm or span wire holding the signals, or at the locations specified for unsignalized intersections.

(c) Size. The standard size of the R6-1L sign shall be 900 mm by 300 mm (36" x 12"). The standard size for expressways shall be 1350 mm by 450 mm (54" x 18").



DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	75 (3)	30 (1.2)	268* (10.6)*	50 (2.2)	232* (9.1)*	12 (0.5)	183 (7.2)	85 (3.4)	65 (2.6)	104 (4.2)	14 (0.6)	18 (0.7)	100D (4D)	10 (0.4)	B5-900300 (B5-3612)
1350 x 450 (54" x 18")	125 (5)	75 (3)	340 (13.5)	100 (4)	311 (12.3)	45 (2.2)	254 (10)	130 (5.2)	95 (3.8)	144 (5.8)	19 (0.8)	25 (1)	125D (5D)	20 (0.8)	—

* REDUCE SPACING 35%

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND AND LEGEND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

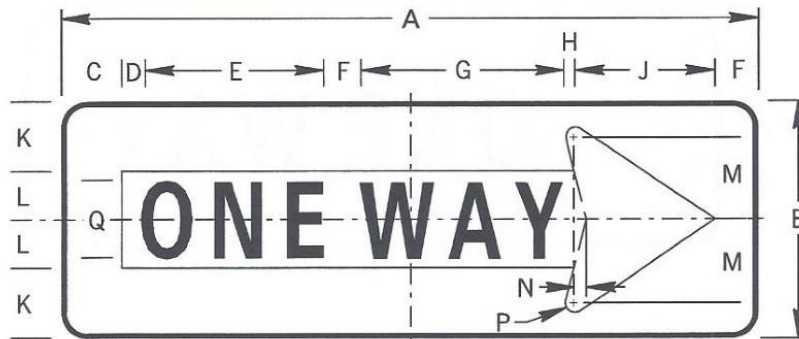
R6-1R

HORIZONTAL RIGHT ONE-WAY SIGN

(a) Justification. The Horizontal Right One-Way Sign (R6-1R) shall be authorized for use to indicate a street, roadway, or alley upon which vehicular traffic is permitted to travel in only one direction.

(b) Placement. At unsignalized intersections, the R6-1R sign shall be placed on the near right-hand and the far left-hand corners of the intersection so as to face traffic entering or crossing the one-way street. At signalized intersections, the R6-1R sign shall be placed either near the appropriate signal faces, on poles holding the traffic signals, on mast arm or span wire holding the signals, or at the locations specified for unsignalized intersections.

(c) Size. The standard size of the R6-1R sign shall be 900 mm by 300 mm (36" x 12"). The standard size for expressways shall be 1350 mm by 450 mm (54" x 18").



DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	75 (3)	30 (1.2)	232* (9.1)*	50 (2.2)	268* (10.6)*	12 (0.5)	183 (7.2)	85 (3.4)	65 (2.6)	104 (4.2)	14 (0.6)	18 (0.7)	100D (4D)	10 (0.4)	B5-900300 (B5-3612)
1350 x 450 (54" x 18")	125 (5)	75 (3)	311 (12.3)	100 (4)	340 (13.5)	45 (2.2)	254 (10)	130 (5.2)	95 (3.8)	144 (5.8)	19 (0.8)	25 (1)	125D (5D)	20 (0.8)	—

* REDUCE SPACING 35%

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND AND LEGEND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

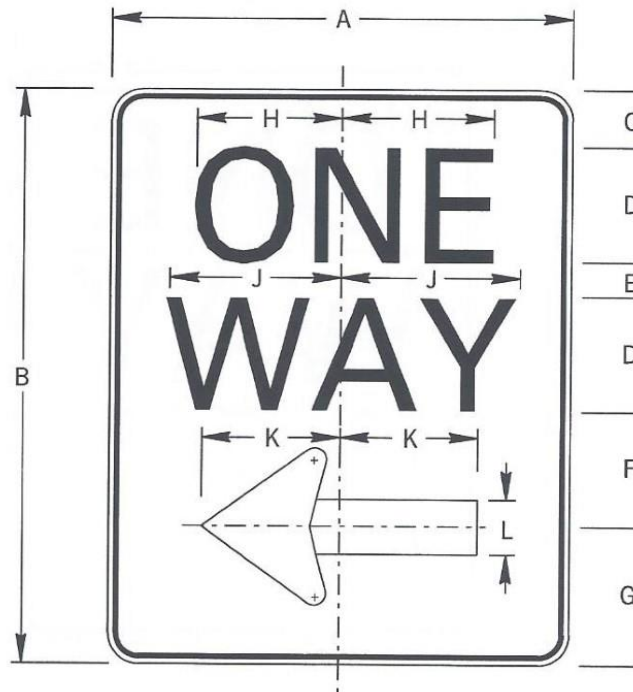
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R6-2L

VERTICAL LEFT ONE-WAY SIGN

(a) Justification. The Vertical Left One-Way Sign (R6-2L) shall be authorized for use only when lateral space is limited, in lieu of the Horizontal Left One-Way Sign (R6-1L).

(b) Size. The standard size of the R6-2L sign shall be 600 mm by 750 mm (24" x 30"), but the minimum size shall be 750 mm by 900 mm (30" x 36") when mounted overhead.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	65 (2.6)	125D (5D)	35 (1.4)	115 (4.6)	135 (5.4)	156 (6.2)	170 (6.8)	145 (5.8)	55 (2.2)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
600 x 750 (24" x 30")	75 (3)	150D (6D)	45 (1.8)	150 (6)	180 (7.2)	187 (7.4)	205 (8.1)	200 (8)	75 (3)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	100 (4)	175D (7D)	60 (2.4)	180 (7.2)	210 (8.4)	219 (8.6)	239 (9.4)	245 (9.8)	95 (3.8)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

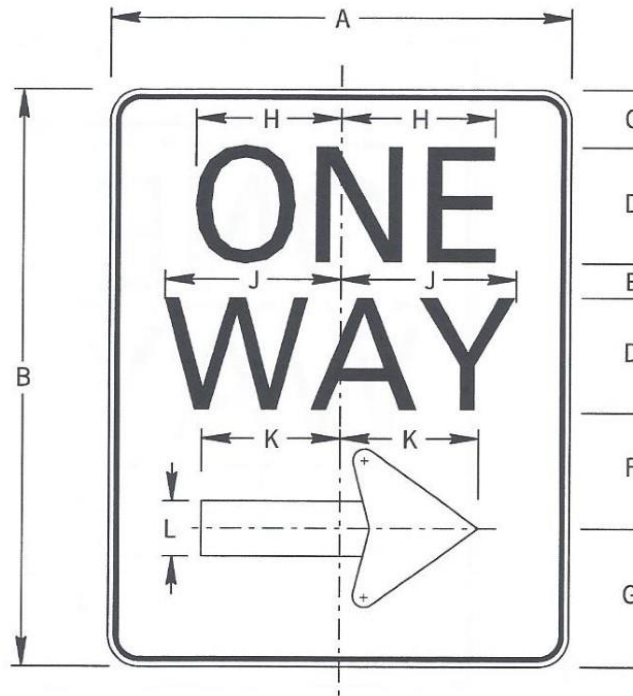
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.

(b) Size. The standard size of the R6-2R sign shall be 600 mm by 750 mm (24" x 30"), but the minimum size shall be 750 mm by 900 mm (30" x 36") when mounted overhead.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	65 (2.6)	125D (5D)	35 (1.4)	115 (4.6)	135 (5.4)	156 (6.2)	170 (6.8)	145 (5.8)	55 (2.2)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
600 x 750 (24" x 30")	75 (3)	150D (6D)	45 (1.8)	150 (6)	180 (7.2)	187 (7.4)	205 (8.1)	200 (8)	75 (3)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	100 (4)	175D (7D)	60 (2.4)	180 (7.2)	210 (8.4)	219 (8.6)	239 (9.4)	245 (9.8)	95 (3.8)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

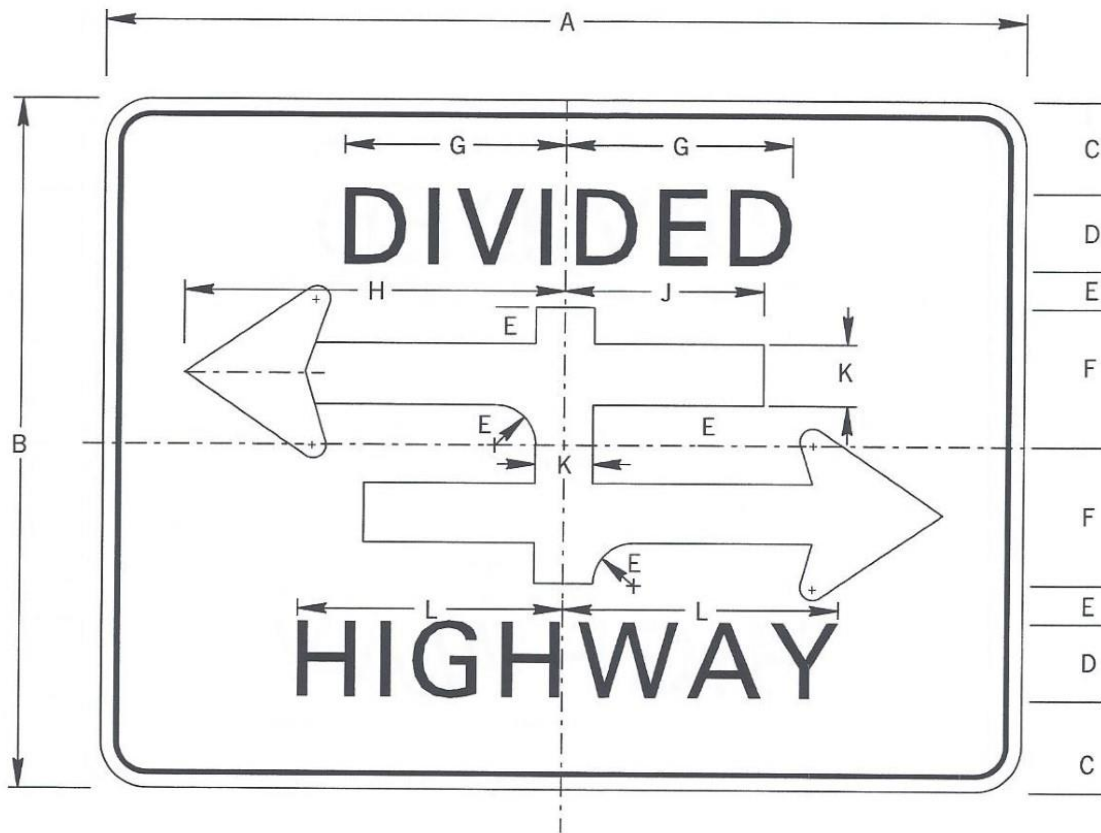
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R6-3

DIVIDED HIGHWAY CROSSING SIGN

(a) Justification. The Divided Highway Crossing Sign (R6-3) is authorized for use on the approaching legs of intersections where it is not readily apparent that the highway crosses 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 - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	80 (3.2)	75E (3E)	30 (1.2)	115 (4.6)	220 (8.6)	300 (12)	160 (6.4)	55 (2.2)	257 (10.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 750 (36" x 30")	85 (3.4)	100E (4E)	40 (1.6)	150 (6)	294 (11.5)	360 (14.4)	190 (7.6)	70 (2.8)	342 (13.5)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

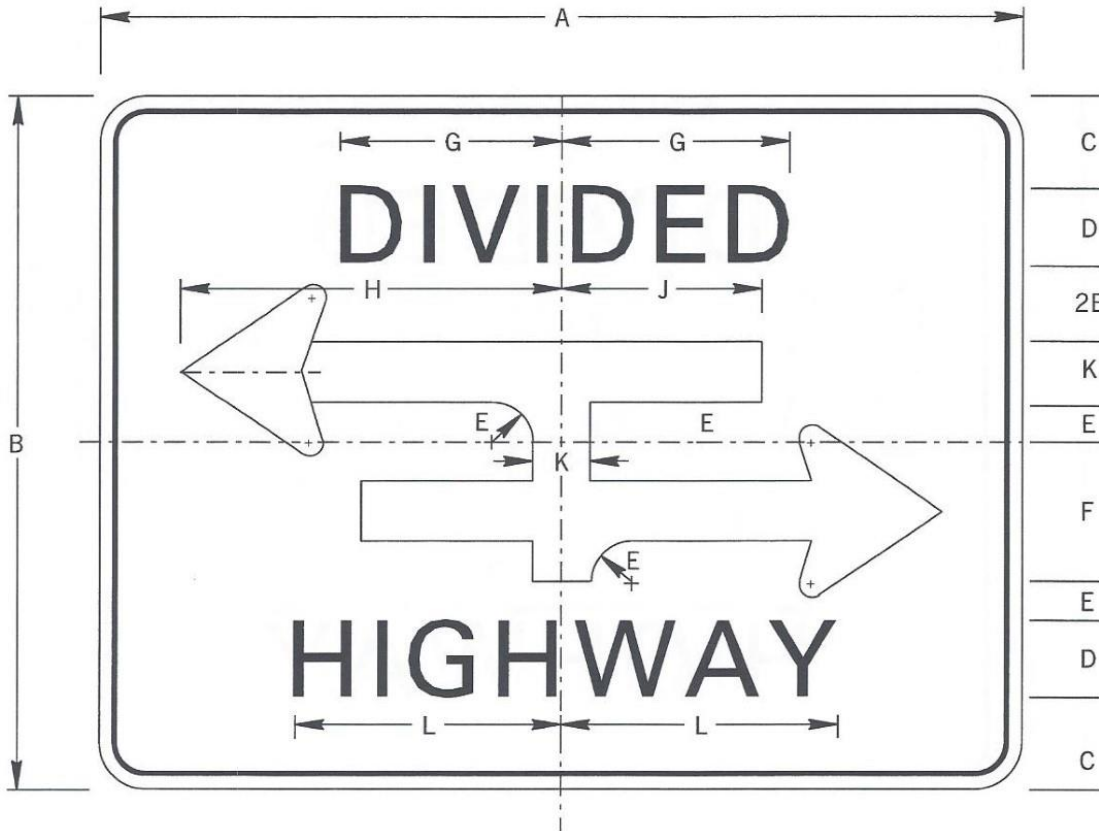
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R6-3A

DIVIDED HIGHWAY SIDEROAD CROSSING SIGN

(a) Justification. The Divided Highway Sideroad Crossing Sign (R6-3A) is authorized for use on the approaching leg of an intersection where it is not readily apparent that the highway intersects 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 - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	80 (3.2)	75E (3E)	30 (1.2)	115 (4.6)	220 (8.6)	300 (12)	160 (6.4)	55 (2.2)	257 (10.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 750 (36" x 30")	85 (3.4)	100E (4E)	40 (1.6)	150 (6)	294 (11.5)	360 (14.4)	190 (7.6)	70 (2.8)	342 (13.5)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R6-10

TWO-WAY TRAFFIC AHEAD SIGN

The Two-Way Traffic Ahead Sign (R6-10) may be used on one-way streets or roadways in advance of an intersection or the end of a divided highway beyond which the one-way traffic regulation does not apply.

The R6-10 sign should be placed on both the right and left sides of the street or roadway at an appropriate distance, depending on approach speeds and type of facility, in advance of the intersection where two-way traffic is resumed.

The standard size of the R6-10 sign shall be 600 mm by 750 mm (24" x 30").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	108 (4.3)	125C (5C)	80 (3.2)	107 (4.3)	271 (10.6)	254 (10.1)	223 (8.8)	10 (0.4)	10 (0.4)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	178 (7.1)	175C (7C)	160 (6.4)	177 (7.1)	380 (14.9)	355 (13.9)	312 (12.3)	10 (0.4)	15 (0.6)	B5-1200900 (B5-4836)

* REDUCE SPACING 50%

** REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

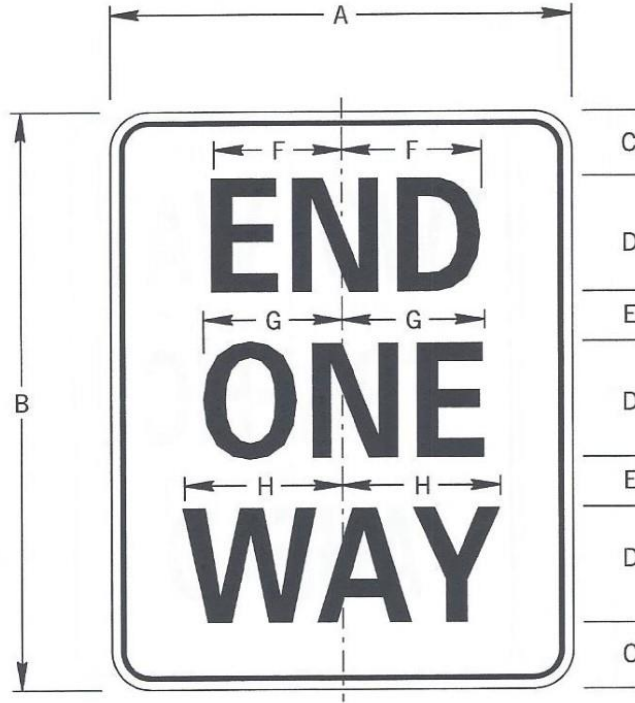
R6-11

END ONE-WAY SIGN

The End One-Way Sign (R6-11) may be used when a one-way street or roadway changes to a two-way street or roadway.

The R6-11 sign should be placed on both right and left sides of the street or roadway at the approximate point of change to a two-way operation. It should be preceded with a Two-Way Traffic Ahead Sign (R6-10).

The standard size of the R6-11 sign shall be 600 mm by 750 mm (24" x 30").



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	150D (6D)	65 (2.6)	181 (7.1)	187 (7.4)	205 (8.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	135 (5.4)	250D (10D)	90 (3.6)	302 (11.9)	312 (12.3)	340 (13.4)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R6-12

BEGIN ONE-WAY SIGN

The Begin One-Way Sign (R6-12) may be used when a two-way roadway changes to a one-way roadway. As such, the R6-12 sign advises drivers that they can use the left side of the roadway.

The R6-12 sign should be placed on the right side of the one-way roadway near the beginning of the one-way roadway.

The standard size R6-12 sign shall be 600 mm by 750 mm (24" x 30").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	150C (6C)	65 (2.6)	150D (6D)	234 (9.2)	187 (7.4)	205 (8.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	135 (5.4)	250C (10C)	90 (3.6)	250D (10D)	393 (15.5)	312 (12.3)	340 (13.4)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

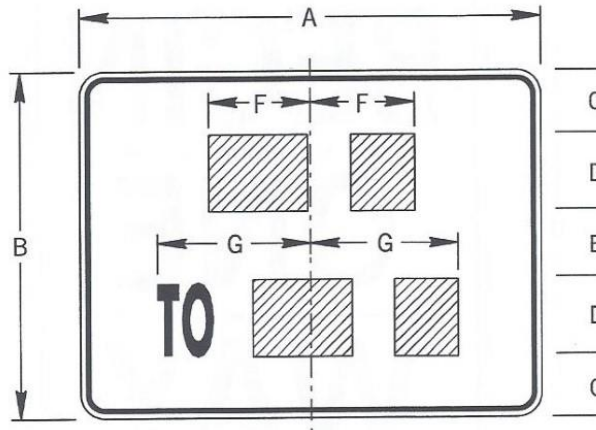
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-2

NO PARKING RESTRICTED HOURS PLAQUE

(a) Justification. The No Parking Restricted Hours Plaque (R7-2) shall be authorized for use as a supplemental sign in accordance with Department regulations when parking is prohibited at certain times within a given area. The restricted hours and either "AM" or "PM" should be indicated on the R7-2 Plaque. When used, the R7-2 plaque shall be mounted directly below the No Parking Symbol Sign (R8-3A).

(b) Size. The R7-2 Plaque shall be the same width as the R8-3A sign it supplements.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
300 x 300 (12" x 12")	70 (2.8)	50B (2B)	60 (2.4)	VAR.	VAR.	10 (0.4)	10 (0.4)	—
600 x 450 (24" x 18")	85 (3.4)	100B (4B)	80 (3.2)	VAR.	VAR.	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

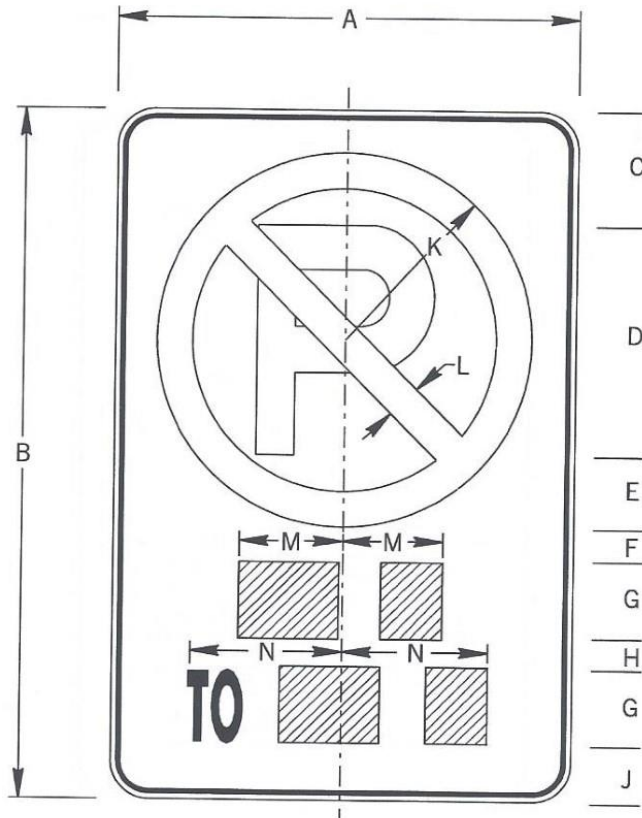
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-2A

NO PARKING RESTRICTED HOURS SIGN

The No Parking Restricted Hours Sign (R7-2A) may be used in lieu of a separate No Parking Symbol Sign (R8-3A) and a No Parking Restricted Hours Plaque (R7-2) to prohibit parking on a roadway during certain hours.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	75 (3)	150E(M) (6E(M))	47 (1.9)	21 (0.8)	50B (2B)	20 (0.8)	37 (1.5)	122 (4.9)	25 (1)	VAR.	VAR.	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

"P":
BLACK (NON-REFLECTORIZED)

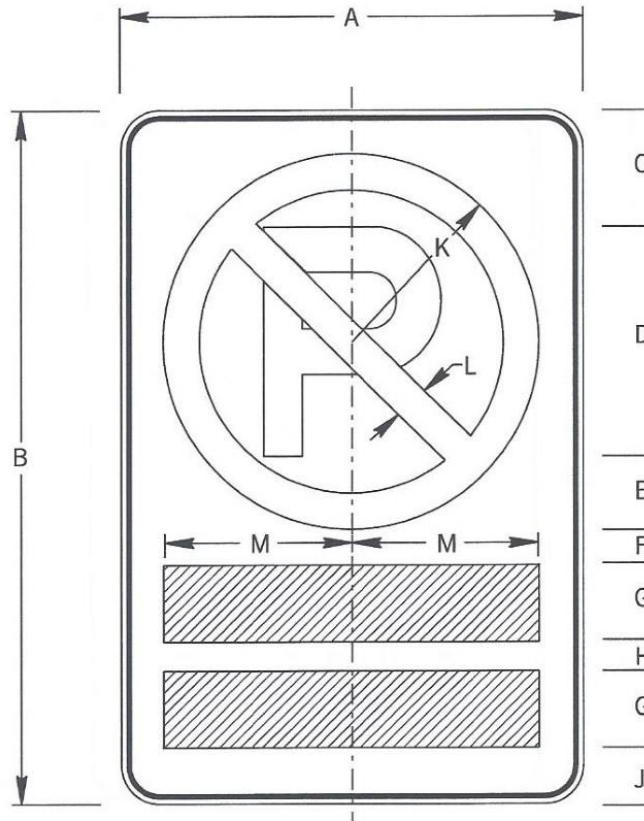
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-2B

NO PARKING RESTRICTED DAYS SIGN

The No Parking Restricted Days Sign (R7-2B) may be used in lieu of a separate No Parking Symbol Sign (R8-3A) and a Restricted Hours Plaque (R10-20A) to prohibit parking on a roadway during a specific day of the week.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	75 (3)	150E(M) (6E(M))	47 (1.9)	21 (0.8)	50B (2B)	20 (0.8)	37 (1.5)	122 (4.9)	25 (1)	VAR.	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

"P":
BLACK (NON-REFLECTORIZED)

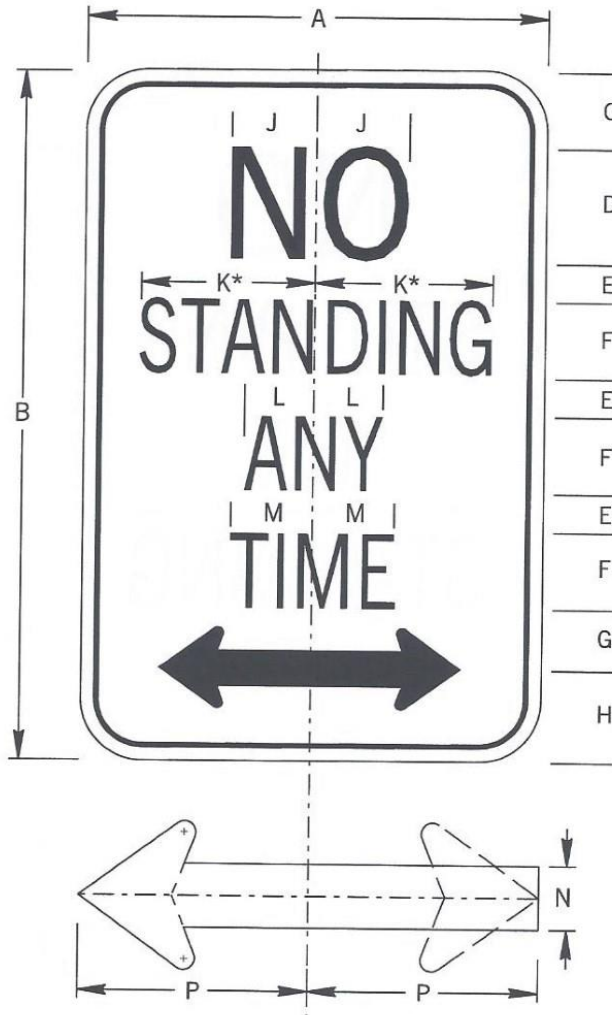
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-4

NO STANDING ANY TIME SIGN

The No Standing Any Time Sign (R7-4) shall be authorized for use when the halting of a vehicle is prohibited, except momentarily for the purpose of and while actually engaged in receiving or discharging passengers.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.	
300 x 450 (12" x 18")	50 (2)	75C (3C)	25 (1)	50C (2C)	40 (1.6)	60 (2.4)	51 (2)	121 (4.7)	55 (2.2)	60 (2.4)	20 (0.8)	95 (3.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)	

* REDUCE SPACING 40%

COLOR:

LEGEND, ARROW AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

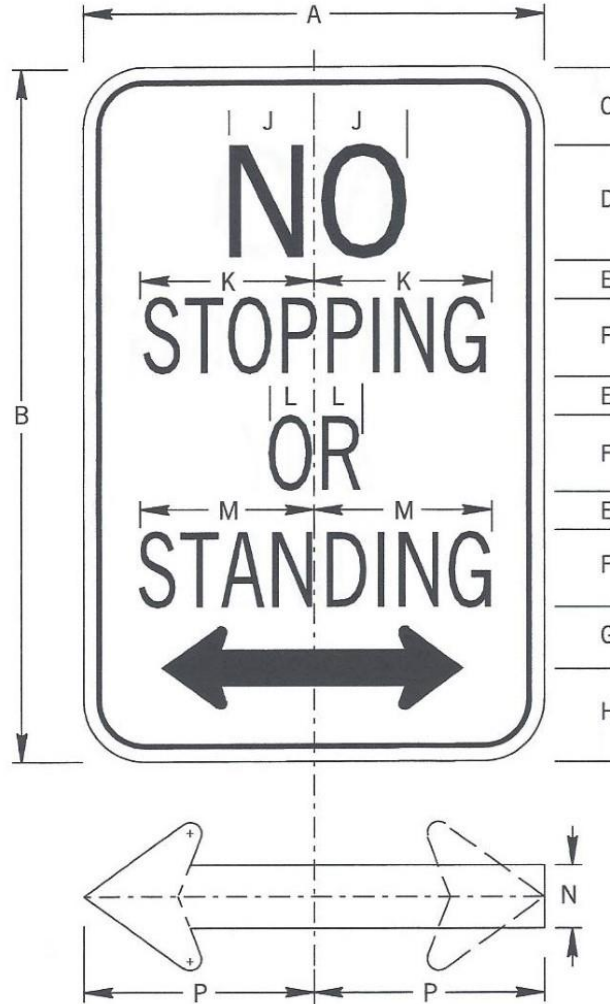
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-4A

NO STOPPING OR STANDING SIGN

The No Stopping or Standing Sign (R7-4A) 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 - mm (IN)																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.	
300 x 450 (12" x 18")	50 (2)	75C (3C)	25 (1)	50C (2C)	40 (1.6)	60 (2.4)	51 (2)	122* (4.8*)	34 (1.4)	121* (4.7*)	20 (0.8)	95 (3.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)	
600 x 900 (24" x 36")	100 (4)	125C (5C)	50 (2)	100C (4C)	100 (4)	125 (5)	85 (3.3)	272 (10.7)	68 (2.7)	267 (10.5)	40 (1.6)	190 (7.6)	10 (0.4)	10 (0.4)	B5-900600 (B5-3624)	

* REDUCE SPACING 40%

COLOR:

LEGEND, ARROW AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

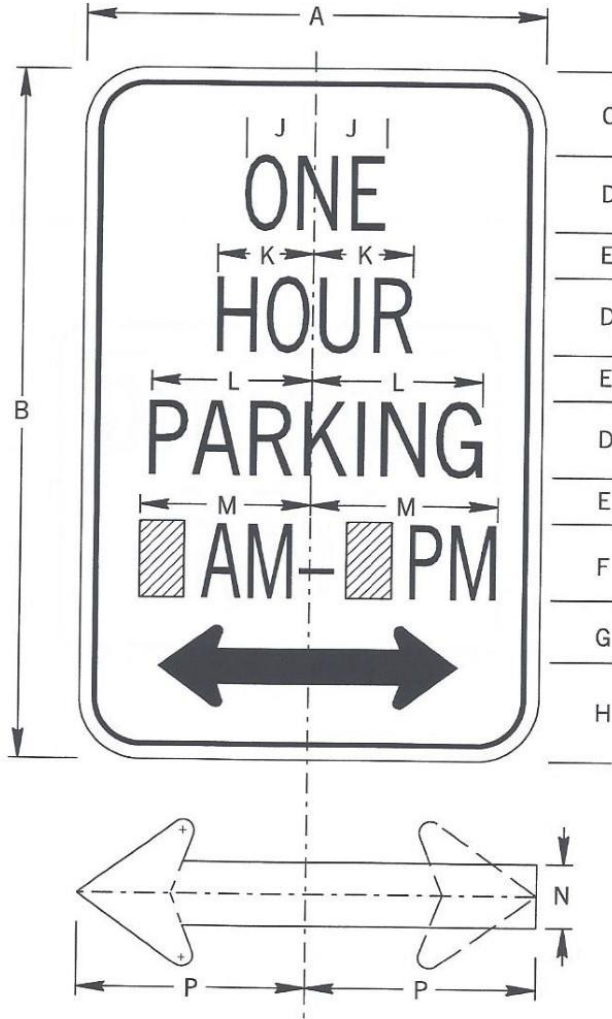
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-5

LIMITED TIME PARKING SIGN

The Limited Time Parking Sign (R7-5) 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 - mm (IN)																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.	
300 x 450 (12" x 18")	55 (2.2)	50C (2C)	30 (1.2)	50B (2B)	40 (1.6)	65 (2.6)	52 (2.1)	73 (2.9)	118 (4.7)	115 (4.5)	20 (0.8)	95 (3.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)	

COLOR:

LEGEND, ARROW AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

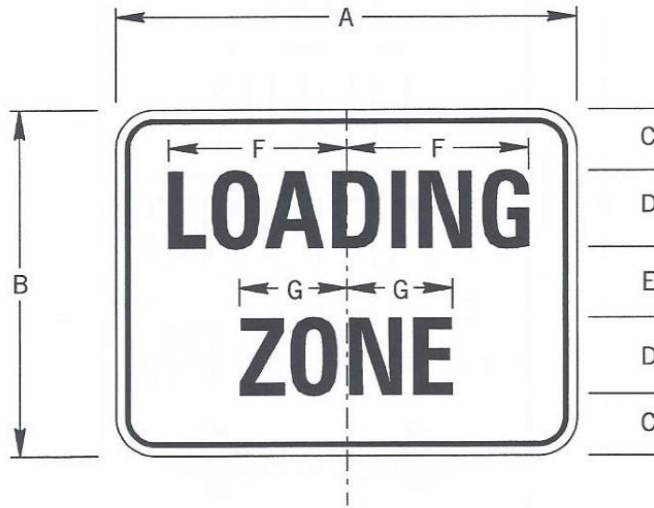
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-6

NO PARKING LOADING ZONE PLAQUE

(a) Justification. The No Parking Loading Zone Plaque (R7-6) shall be authorized for use as a supplemental sign when it is necessary to reserve curb space for loading and unloading of commercial vehicles. When used, the R7-6 plaque should be mounted directly below the No Parking Symbol Sign (R8-3A).

(b) Size. The R7-6 plaque shall be the same width as the R8-3A sign it supplements.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
300 x 300 (12" x 12")	70 (2.8)	50C (2C)	60 (2.4)	118 (4.6)	71 (2.8)	10 (0.4)	10 (0.4)	_____
600 x 450 (24" x 18")	80 (3.2)	100C (4C)	90 (3.6)	235 (9.3)	141 (5.6)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

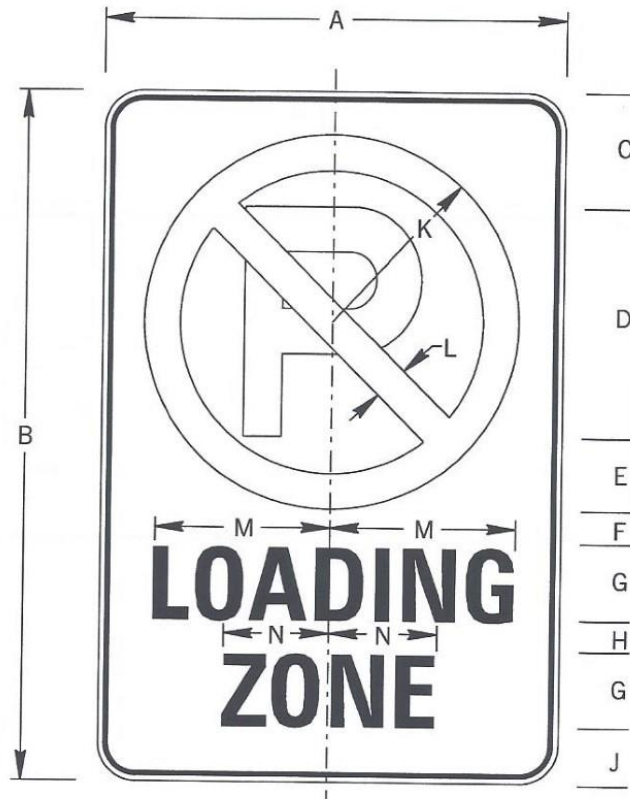
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-6A

NO PARKING LOADING ZONE SIGN

The No Parking Loading Zone Sign (R7-6A) may be used in lieu of a separate No Parking Symbol Sign (R8-3A) and a No Parking Loading Zone Plaque (R7-6) to prohibit parking when curb space is utilized for loading and unloading commercial vehicles.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	75 (3)	150E(M) (6E(M))	47 (1.9)	21 (0.8)	50B (2B)	20 (0.8)	37 (1.5)	122 (4.9)	25 (1)	96 (3.8)	56 (2.2)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

"P":
BLACK (NON-REFLECTORIZED)

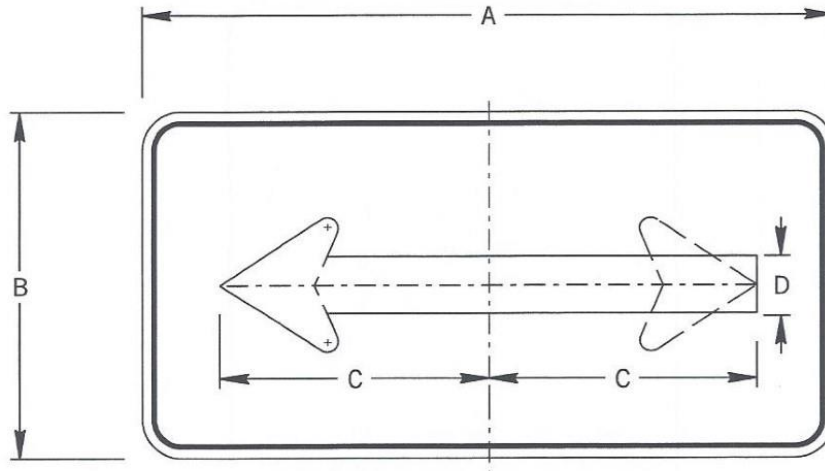
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-7

NO PARKING ARROW PLAQUE

The No Parking Arrow Plaque (R7-7) may be used beneath the No Parking Sign (R8-3A) when it is necessary or desirable to indicate which direction the restriction applies. The width of the R7-7 plaque shall be the same as the No Parking Sign (R8-3A).



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
300 x 150 (12" x 6")	95 (3.8)	20 (0.8)	10 (0.4)	10 (0.4)	B5-300150 (B5-1206)
600 x 300 (24" x 12")	190 (7.6)	40 (1.6)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
900 x 450 (36" x 18")	350 (14)	75 (3)	15 (0.6)	15 (0.6)	B5-900450 (B5-3618)

COLOR:

ARROW AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

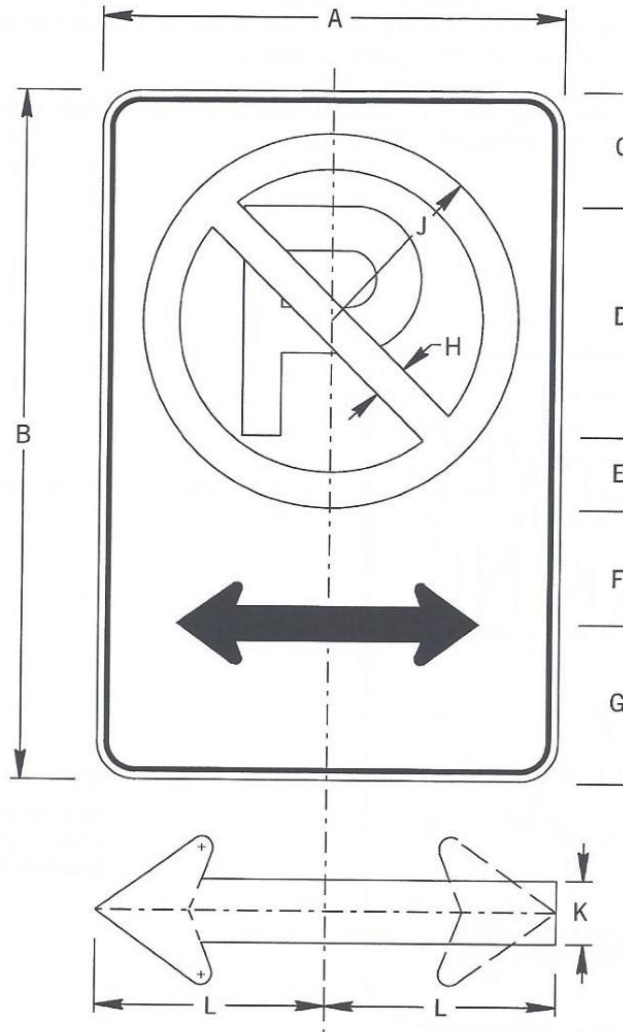
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-7A

NO PARKING SYMBOL /ARROW SIGN

The No Parking Symbol/Arrow Sign (R7-7A) may be used in lieu of a separate No Parking Symbol Sign (R8-3A) and a No Parking Arrow Plaque (R7-7) to prohibit parking along a given roadway.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	75 (3)	150E(M) (6E(M))	47 (1.9)	75 (3)	103 (4.1)	25 (1)	122 (4.9)	20 (0.8)	95 (3.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

"P":
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-8

RESERVED PARKING SIGN

The Reserved Parking Sign (R7-8) is authorized to mark the location of a parking space which is reserved for handicapped persons or severely disabled veterans.

When used the R7-8 sign should generally be installed at the front of each reserved parking stall; except in the case of parallel parking, it should be installed at intervals not exceeding 30 m (100') along the side of the stalls. When installed at the front of the parking stalls, the single or double headed arrow may be deleted from the R7-8 sign and the message may be spaced accordingly.

The Reserved Parking Penalties Sign (R7-8F) shall be posted in conjunction with the R7-8 sign. When used, the R7-8F sign shall be placed below the R7-8 sign.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (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.
300 x 450 (12" x 18")	50 (2)	50C (2C)	25 (1)	150 (6)	40 (1.6)	60 (2.4)	126 (4.9)	109 (4.3)	75 (3)	10 (0.4)	100 (4)	95 (3.8)	20 (0.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

* REDUCE SPACING 50%
** REDUCE SPACING 33%

COLOR:

LEGEND, ARROW AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND AND SYMBOL:
WHITE (REFLECTORIZED)

SYMBOL BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

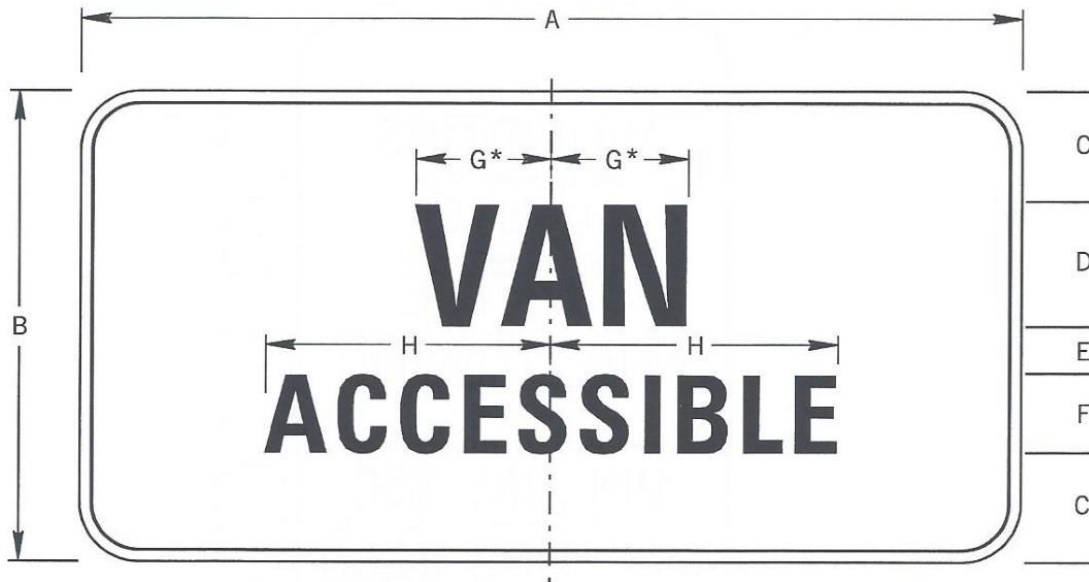
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-8B

VAN ACCESSIBLE SIGN

The Van Accessible Sign (R7-8B) 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 R7-8B sign. When used, the R7-8B sign shall be placed immediately below the Reserved Parking Sign (R7-8).



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
300 x 150 (12" x 6")	35 (1.4)	40D (1.6D)	15 (0.6)	25D (1D)	54 (2.1)	102 (4)	10 (0.4)	10 (0.4)	B5-300150 (B5-1206)

* INCREASE SPACING 50%

COLOR:

LEGEND AND BORDER:
WHITE (NON-REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

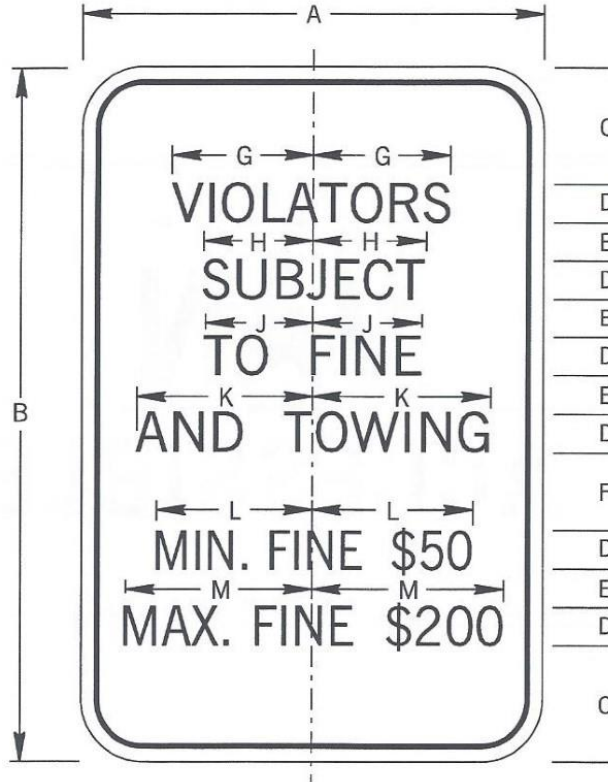
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-8F

RESERVED PARKING PENALTIES SIGN

The Reserved Parking Penalties Sign (R7-8F) shall be installed with the Reserved Parking Sign (R7-8). When used, the R7-8F sign shall be placed below the R7-8 Sign. In order to improve visibility of signs installed at the front of reserved stalls, a substandard height to the bottom of the sign of approximately 1.1 m (3'-8") above the parking stall elevation may be used.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	75 (3)	25C (1C)	25 (1)	50 (2)	75 (3)	61 (2.4)	58 (2.3)	90 (3.6)	101 (4)	117 (4.6)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-8-1

RESERVED PARKING SIGN

The Reserved Parking Sign (R7-8-1) may be used to mark the location of a parking space which is reserved for State Police Vehicles. Typical uses for the R7-8-1 sign include off-street parking areas and service plazas on the Turnpike.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	45 (1.8)	50C (2C)	25 (1)	12 (0.5)	11 (0.4)	126 (4.9)	109 (4.3)	70 (2.8)	80 (3.1)	95 (3.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

* REDUCE SPACING 50%
** REDUCE SPACING 33%

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

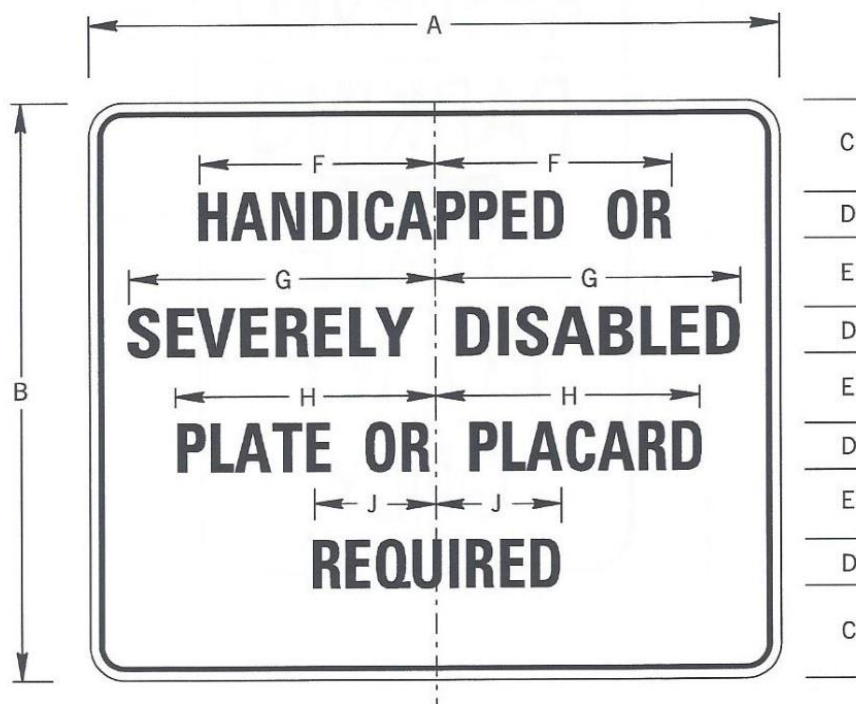
R7-8-2

RESERVED PARKING EDUCATIONAL PLAQUE

(a) Justification. The Reserved Parking Educational Plaque (R7-8-2) may be used as a supplemental sign to indicate that a parking space signed with the Reserved Parking Sign (R7-8) is for use by a vehicle displaying a handicapped or severely disabled veteran registration plate or displaying a handicapped or severely disabled veteran placard.

(b) Placement. When used, the sign shall be placed immediately below the Reserved Parking Sign (R7-8).

(c) Size. The R7-8-2 sign shall be the same width as the R7-8 sign it supplements. The R7-8-2 may also be made an integral part of the Reserved Parking Sign (R7-8) by increasing the length of the R7-8 sign blank the appropriate dimension.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
300 x 250 (12" x 10")	40 (1.6)	20C (0.8C)	30 (1.2)	101 (4)	119 (4.7)	116 (4.5)	54 (2.1)	10 (0.4)	5 (0.2)	—

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-8-3

PERMIT PARKING FOR GOVERNOR'S RESIDENCE SIGN

The Permit Parking – Governor's Residence Sign (R7-8-3) may be used to mark the location of parking which is reserved for people visiting or working at the Governor's residence. Parking permits will be issued for enforcement purposes. For locations restricted to buses, the word "BUS" may replace the word "PERMIT".



DIMENSIONS – mm (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.
300 x 450 (12" x 18")	46 (1.9)	50C (2C)	38C (1.5C)	25 (1)	30 (1.2)	10 (0.4)	45 (1.8)	98 (3.8)	118 (4.7)	113 (4.5)	127 (4.9)	115 (4.4)	52 (2)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

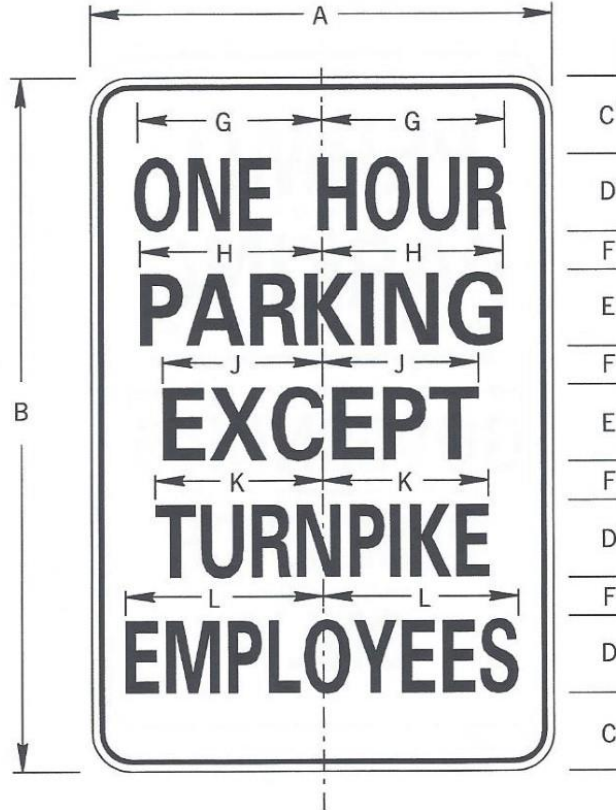
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-9

ONE HOUR PARKING EXCEPT TURNPIKE EMPLOYEES

The One Hour Parking Except Turnpike Employees Sign (R7-9) 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 - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	40 (1.6)	50B (2B)	50C (2C)	30 (1.2)	119 (4.7)	118 (4.7)	102 (4)	108 (4.2)	127 (5.1)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-10

TEMPORARY NO PARKING SIGN

(a) Justification. The Temporary No Parking Sign (R7-10) 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 - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	45 (1.8)	75D (3D)	50C (2C)	22 (0.9)	50B (2B)	42 (1.6)	61 (2.4)	118 (4.7)	126 (4.8)	76 (3)	125 (5.1)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-22

SNOW EMERGENCY ROUTE NO PARKING SIGN

(a) Justification. The Snow Emergency Route No Parking Sign (R7-22) is authorized for use when the Department or local authorities, by ordinance or resolution or ruling, require special parking restrictions during heavy snowfall. The legend on the lower half of the sign may vary according to the regulation.

(b) Placement. The R7-22 sign should be placed so that all drivers are aware of the regulation.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
450 x 600 (18" x 24")	15 (0.7)	50E (2E)	15 (0.6)	50D (2D)	6 (0.2)	50B (2B)	50C (2C)	107 (4.2)	196 (7.7)	103 (4.1)	200 (7.9)

DIMENSIONS - mm (IN)								
SIGN SIZE A x B	P	Q	R	S	T	U	BLANK STD.	
450 x 600 (18" x 24")	214 (8.4)	100 (4)	177 (7)	220 (8.7)	104 (4.1)	158 (6.2)	B5-600450 (B5-2418)	

COLOR:

NO. 1:

LEGEND:

WHITE (REFLECTORIZED)

BACKGROUND:

RED (REFLECTORIZED)

NO. 2:

LEGEND:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

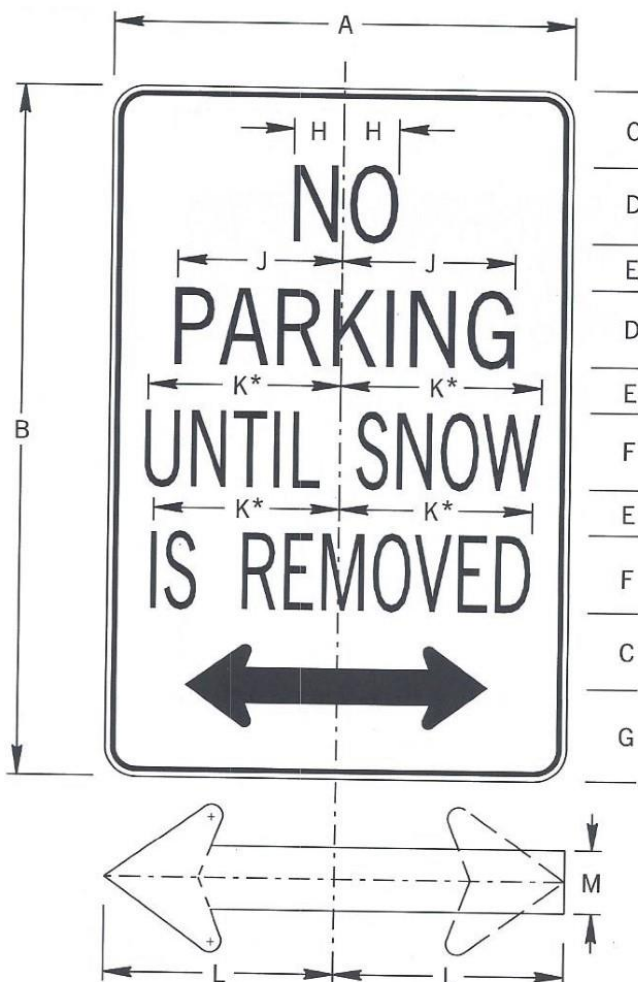
By : Alan C Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

R7-22-1

NO PARKING UNTIL SNOW IS REMOVED SIGN

(a) Justification. The No Parking Until Snow Is Removed Sign (R7-22-1) may be used when the Department or local authorities, by ordinance or ruling deem it necessary to prohibit parking for a short time on a street or highway after a snowfall to enhance snow removal operations. This sign should be removed during the summer months, or covered.

(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, or the sign may be semi-permanent and placed on permanent sign posts. The R7-22-1 sign should be placed so that drivers are aware of the restriction.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.	
300 x 450 (12" x 18")	50 (2)	50C (2C)	30 (1.2)	50B (2B)	60 (2.4)	34 (1.3)	118 (4.7)	125 (4.9)	95 (3.8)	20 (0.8)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)	

* REDUCE SPACING 25%

COLOR:

LEGEND, ARROW AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

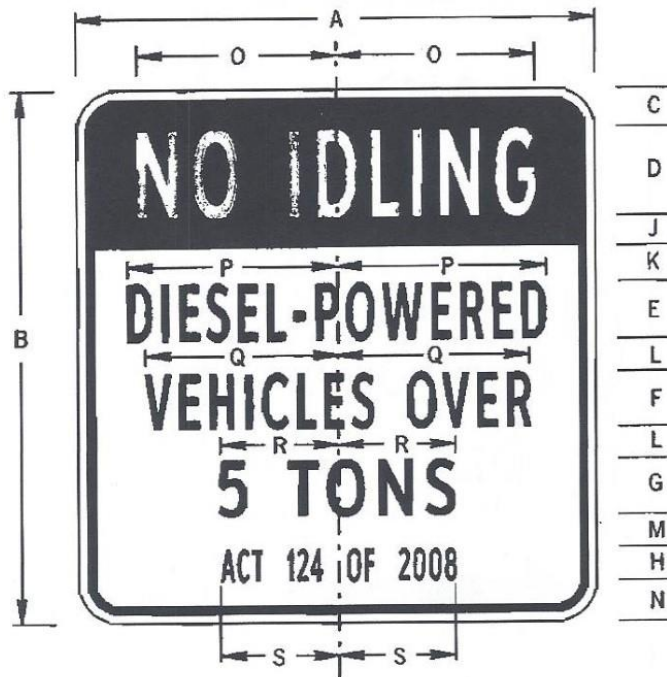
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-100

NO IDLING SIGN

(a) Justification. The No Idling Sign (R7-100) shall be authorized for use to comply with the requirements of Act 124 of 2008 to erect and maintain a permanent sign informing drivers that idling is restricted.

(b) Size. The 600 mm by 600 mm (24"x 24") size R7-100 should be mounted throughout the parking area at reasonable intervals to be readily visible to vehicles subject to the idling restriction. As an alternative, the 1200 mm by 1200 mm (48"x 48") sign may be prominently erected at all entrances to the parking area so it is readily visible by vehicles subject to the idling restriction.



DIMENSIONS - mm (IN)

SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 24" x 24"	43 (1.7)	100B (4B)	63B (2.5B)	63B (2.5B)	63C (2.5C)	25C (1.0C)	33 (1.3)	40 (1.6)	37 (1.5)	37 (1.5)	58 (2.3)	233 (9.2)	242 (9.6)	222 (8.8)	136 (5.4)	136 (5.4)	10 (0.4)	8.0 (0.3)	B3-600 (B3-24)
1200 x 1200 48" x 48"	80 (3.2)	150D (6D)	125B (5B)	125B (5B)	125C (5C)	63C (2.5C)	70 (2.8)	85 (3.4)	88 (3.5)	100 (4.0)	103 (4.1)	509 (20.0)	485 (19.1)	450 (17.7)	340 (13.4)	340 (13.4)	13 (0.5)	20 (0.8)	B3-1200 (B3-48)

COLOR:

TOP LEGEND:
WHITE (REFLECTORIZED)
BACKGROUND:
BLACK (NON-REFLECTORIZED)

BORDER:
BLACK (NON-REFLECTORIZED)
MARGIN:
WHITE (REFLECTORIZED)

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

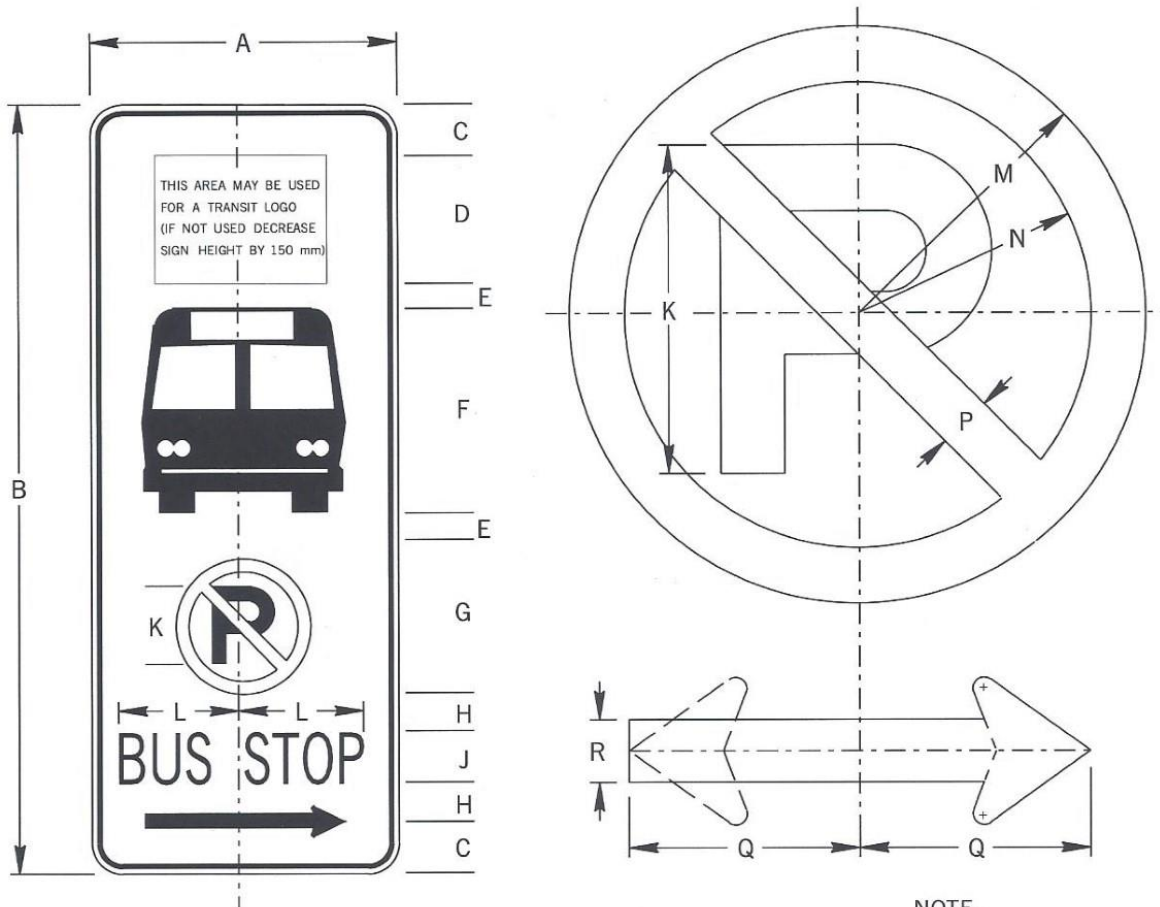
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: *C. Mark Culver* Date: *1/12/09*
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-107A

NO PARKING BUS STOP SIGN

The No Parking Bus Stop Sign (R7-107A) 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 - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	H	J
300 x 750 (12" x 30")	50 (2)	126 (5)	25 (1)	200 (8)	150 (6)	37 (1.5)	50B (2B)

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	K	L	M	N	P	Q	R	MAR- GIN	BOR- DER	BLANK STD.
300 x 750 (12" x 30")	75E(M) (3E(M))	117 (4.6)	75 (3)	60 (2.4)	15 (0.6)	95 (3.8)	20 (0.8)	10 (0.4)	10 (0.4)	B5-750300 (B5-3012)

NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED):

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

APPROVED FOR THE SECRETARY OF TRANSPORTATION

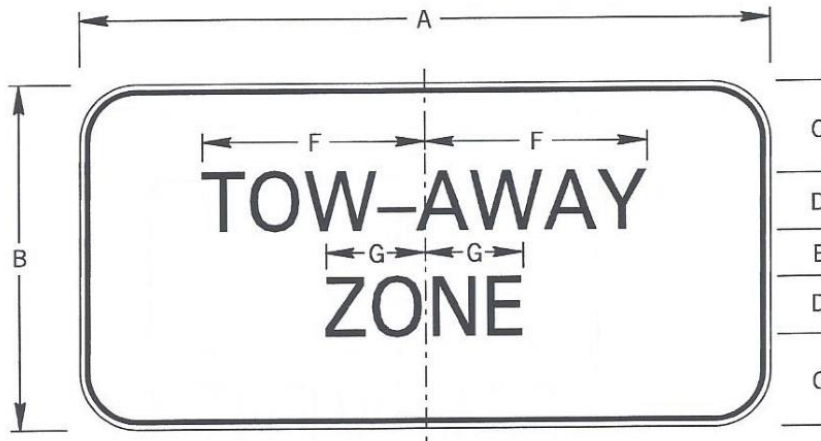
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-201

TOW-AWAY ZONE SIGN

(a) Justification. The Tow-Away Zone Sign (R7-201) 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 R7-201 sign shall be mounted below the sign it supplements.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
300 x 150 (12" x 6")	40 (1.6)	25E (1E)	20 (0.8)	110 (4.4)	50 (1.9)	10 (0.4)	10 (0.4)	B5-300150 (B5-1206)

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

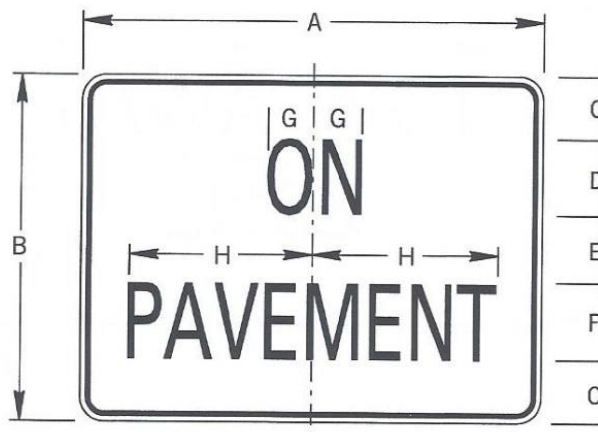
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-1

NO PARKING ON PAVEMENT SIGN

(a) Justification. The No Parking On Pavement Sign (R8-1) shall be authorized for use as a supplemental sign when parking is permissible off the pavement but prohibited on the pavement. When used, the R8-1 sign shall be mounted directly below the No Parking Symbol Sign (R8-3A).

(b) Size. The R8-1 sign shall be the same width as the R8-3A sign it supplements.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
300 x 300 (12" x 12")	70 (2.8)	50C (2C)	60 (2.4)	50B (2B)	34 (1.4)	113 (4.4)	10 (0.4)	10 (0.4)	—
600 x 450 (24" x 18")	80 (3.2)	100C (4C)	90 (3.6)	100B (4B)	68 (2.7)	225 (8.9)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

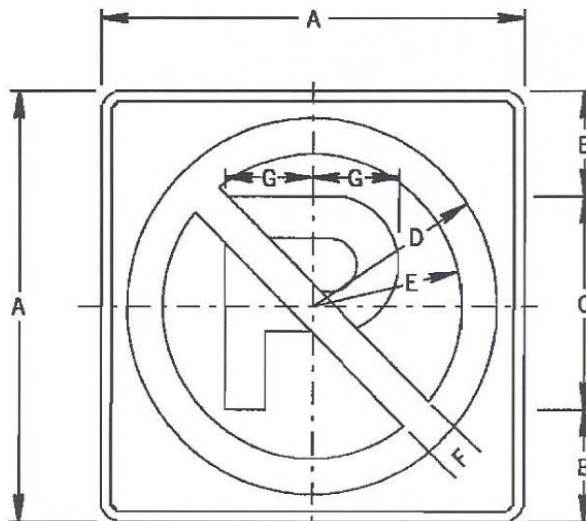
R8-3A

NO PARKING SYMBOL SIGN

(a) Justification. The No Parking Symbol Sign (R8-3A) shall be authorized for use to prohibit parking along a given highway. If the restriction applies to a limited area or zone, supplemental signs or messages shall be authorized to show the limits of the restriction. Authorized supplemental signs include, but are not limited to the Restricted Hours Plaque (R10-20A), No Parking Restricted Hours Plaque (R7-2), No Parking Loading Zone Plaque (R7-6), No Parking Arrow Plaque (R7-7), Tow-Away Zone Sign (R7-201) and No Parking On Pavement Sign (R8-1). As an alternate to the use of supplemental signs, the appropriate supplemental message and the no parking symbol may be incorporated into a single sign.

(b) Size. The standard size R8-3A sign shall be 300 mm by 300 mm (12" x 12") in business, residential, or park areas and 600 mm by 600 mm (24" x 24") in rural areas. The standard size for expressways shall be 900 mm by 900 mm (36" x 36"), and on freeways shall be 1200 mm by 1200 mm (48" x 48").

(c) Placement. Signs should be set at an angle of not less than 30° or more than 45° with a line parallel to the flow of traffic so as to be visible to approaching traffic. Care should be taken to ensure that supplemental arrows point in the proper direction to indicate the regulated area. Signs shall be placed at the beginning of and at reasonable intervals throughout the restriction.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
300 x 300 (12" x 12")	75 (3)	150E(M) (6E(M))	122 (4.9)	97 (3.9)	25 (1)	61 (2.4)	10 (0.4)	10 (0.4)	—
600 x 600 (24" x 24")	150 (6)	300E(M) (12E(M))	262 (10.5)	212 (8.5)	50 (2)	123 (4.8)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
900 x 900 (36" x 36")	225 (9)	450E(M) (18E(M))	395 (15.8)	320 (12.8)	75 (3)	182 (7.2)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	300 (12)	600E(M) (24E(M))	524 (21)	424 (17)	100 (4)	243 (9.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND DIAGONAL:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *James P. Tomaglia* Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-4

EMERGENCY PARKING ONLY SIGN

The Emergency Parking Only Sign (R8-4) shall be authorized for use in rural areas when it is necessary to prohibit all parking except when vehicles must park because of mechanical breakdown, tire trouble, lack of fuel, or other emergencies involving vehicles or their occupants.

The standard size of the R8-4 sign for expressways shall be 750 mm by 600 mm (30" x 24").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	90 (3.6)	100C (4C)	60 (2.4)	100D (4D)	325 (12.8)	286 (11.3)	171 (6.8)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
1200 x 900 (48" x 36")	125 (5)	150D (6D)	100 (4)	150D (6D)	527* (20.8)*	429 (16.9)	256 (10.1)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-5

NO STOPPING ON PAVEMENT SIGN

The No Stopping On Pavement Sign (R8-5) shall be authorized for use in rural areas when stopping is permissible off the pavement but prohibited on the pavement.

The R8-5 sign should be placed immediately in advance of and at intervals throughout the restricted area.

The standard size for expressways shall be 900 mm by 1200 mm (36" x 48"), and on freeways shall be 1200 mm by 1500 mm (48" x 60").



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
600 x 750 (24" x 30")	100 (4)	125D (5D)	65 (2.6)	125B (5B)	75D (3D)	55 (2.2)	65 (2.6)	102 (4)	254 (10)	61 (2.4)	258 (10.1)
900 x 1200 (36" x 48")	175 (7)	175D (7D)	125 (5)	175B (7B)	100D (4D)	100 (4)	125 (5)	144 (5.6)	355 (14)	82 (3.3)	343 (13.5)
1200 x 1500 (48" x 60")	225 (9)	225D (9D)	150 (6)	225B (9B)	125D (5D)	125 (5)	150 (6)	185 (7.2)	456 (18)	102 (4.1)	429 (16.9)

* REDUCE SPACING 25%

DIMENSIONS - mm (IN)			
SIGN SIZE A x B	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1200 x 1500 (48" x 60")	20 (0.8)	25 (1)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-7

EMERGENCY STOPPING ONLY SIGN

The Emergency Stopping Only Sign (R8-7) shall be authorized for use in rural areas when it is necessary to prohibit all stopping except when vehicles must stop because of mechanical breakdown, tire trouble, lack of fuel, or other emergencies involving vehicles or their occupants.

The standard size of the R8-7 sign for expressways shall be 750 mm by 600 mm (30" x 24").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	90 (3.6)	100C (4C)	60 (2.4)	100D (4D)	325 (12.8)	324 (12.8)	171 (6.8)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
1200 x 900 (48" x 36")	125 (5)	150D (6D)	100 (4)	150D (6D)	527* (20.8)*	485 (19.1)	256 (10.1)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

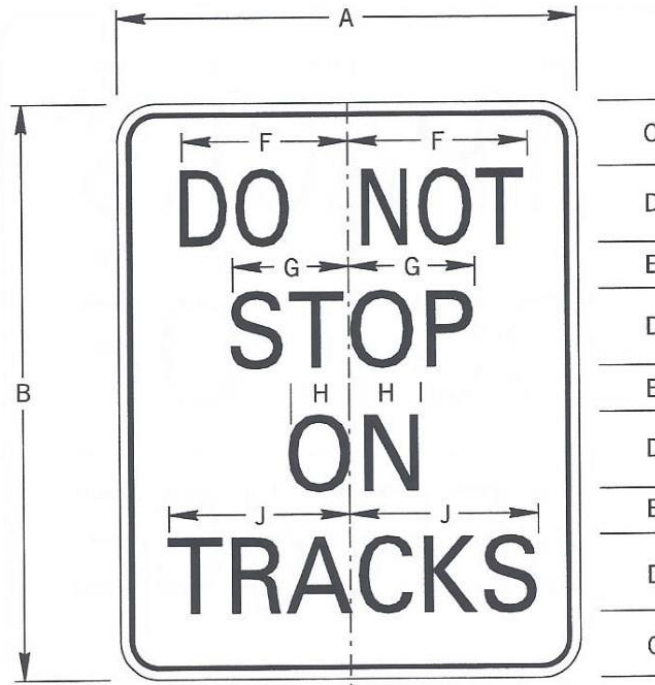
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-8

DO NOT STOP ON TRACKS SIGN

(a) Justification. The Do Not Stop On Tracks Sign (R8-8) shall be authorized for use at those railroad crossings where it has been determined there is extremely high potential that vehicles may stop on the tracks.

(b) Placement. The R8-8 sign should normally be placed on the far right side of the grade crossing. On multilane or one-way highways a second sign should be placed on the far left side of the grade crossing.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	100D (4D)	60 (2.4)	239 (9.4)	166 (6.6)	82 (3.3)	258 (10.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	150 (6)	150D (6D)	100 (4)	362 (14.3)	248 (9.8)	123 (4.8)	386 (15.3)	15 (0.6)	25 (1)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

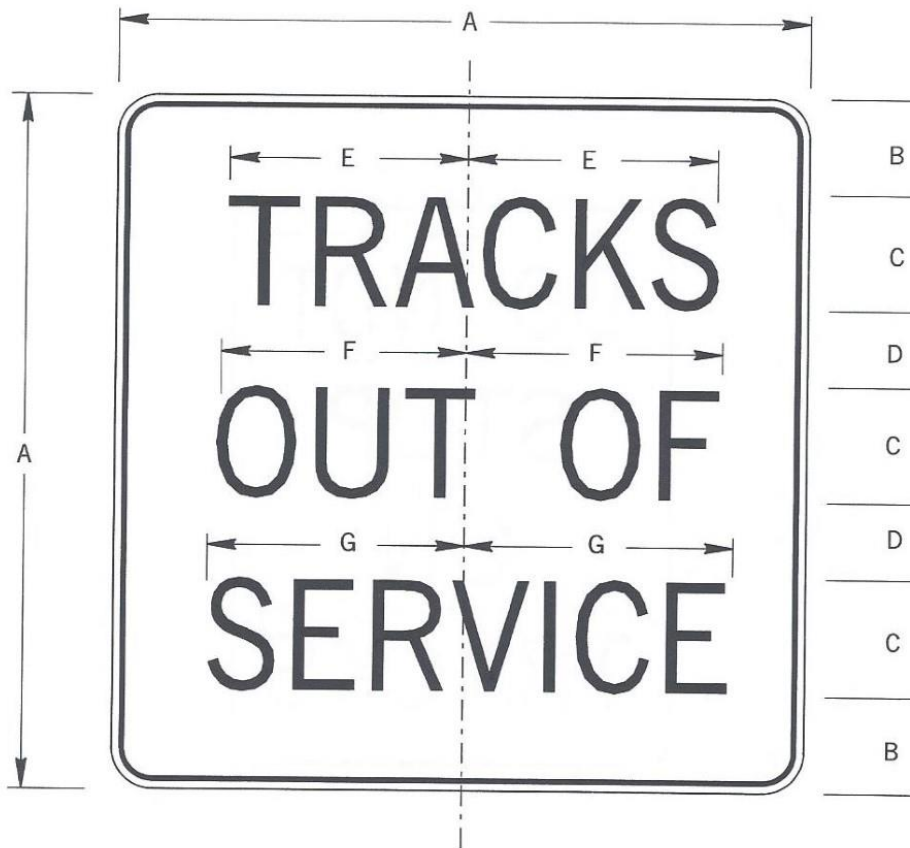
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-9

TRACKS OUT OF SERVICE SIGN

The Tracks Out Of Service Sign (R8-9) may be used when a railroad track has been abandoned or its use discontinued. Authorization for use of this sign is to be determined by the Public Utility Commission. The R8-9 sign shall be removed only when the tracks have been removed or covered as determined by the Public Utility Commission.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125 (5)	150C (6C)	100 (4)	317 (12.5)	326 (12.9)	342 (13.5)	15 (0.6)	25 (1)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

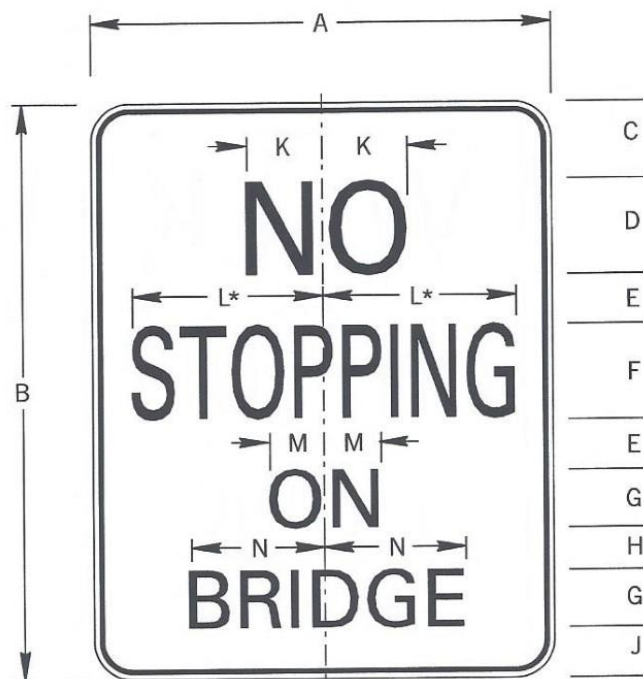
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R8-20

NO STOPPING ON BRIDGE SIGN

(a) Justification. The No Stopping On Bridge Sign (R8-20) shall be authorized for use in rural areas when motorists have a tendency to stop or park on the bridge for purposes other than emergencies.

(b) Size. The standard size for expressways shall be 750 mm by 600 mm (30" x 24").



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	95 (3.8)	75D (3D)	65 (2.6)	75B (3B)	50D (2D)	50 (2)	75 (3)	61 (2.4)	152 (6)	41 (1.6)	116 (4.6)	10 (0.4)	10 (0.4)	B5-600450 (B5-2418)
600 x 750 (24" x 30")	100 (4)	125D (5D)	65 (2.6)	125B (5B)	75D (3D)	55 (2.2)	65 (2.6)	102 (4)	254 (10)	61 (2.4)	175 (6.8)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

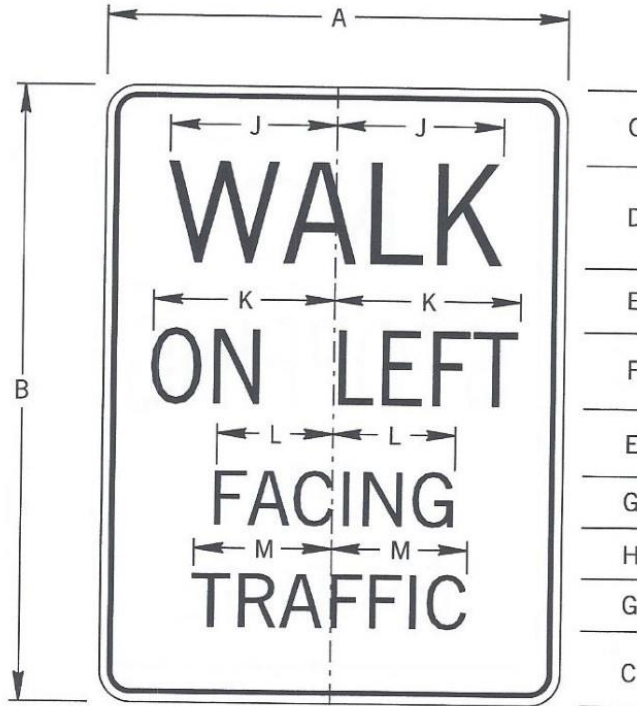
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-1

WALK ON LEFT FACING TRAFFIC SIGN

(a) Justification. The Walk On Left Facing Traffic Sign (R9-1) shall be authorized for use to encourage safer pedestrian habits along highways where no sidewalks are provided.

(b) Placement. The R9-1 sign should be erected on the right-hand side of the road where pedestrians may walk on the pavement or shoulder in the absence of pedestrian pathways or sidewalks.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	75 (3)	100D (4D)	65 (2.6)	75D (3D)	50D (2D)	45 (1.8)	175 (7)	194 (7.6)	117 (4.6)	136 (5.4)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

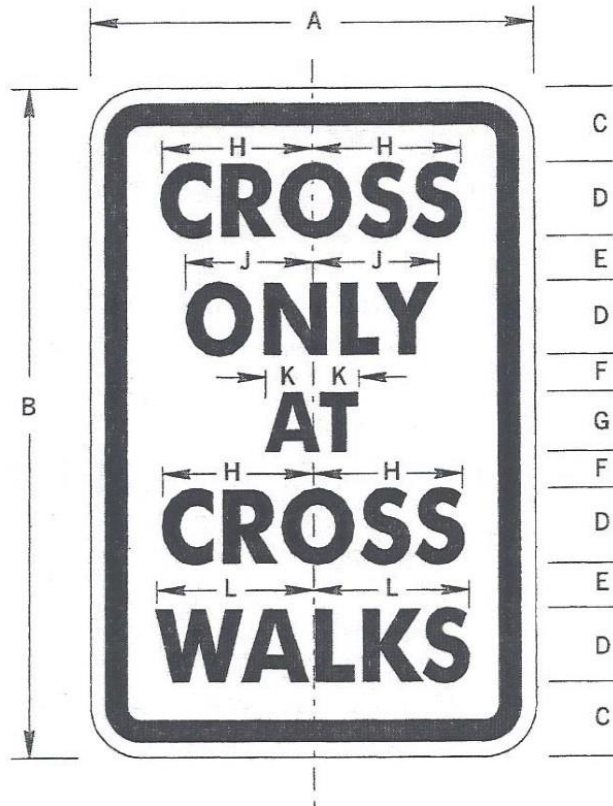
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-2

CROSS ONLY AT CROSSWALKS SIGN

The Cross Only at Crosswalks Sign (R9-2) may be used where crosswalks are clearly defined to discourage jaywalking or unauthorized crossing.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	50 (2)	50D (2D)	30 (1.25)	25 (1)	40D (1.5D)	101 (4)	85 (3.2)	31 (1.1)	105 (4.1)	10 (0.4)	10 (0.4)	B5-300450 (B5-1218)

COLOR:
LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-3A

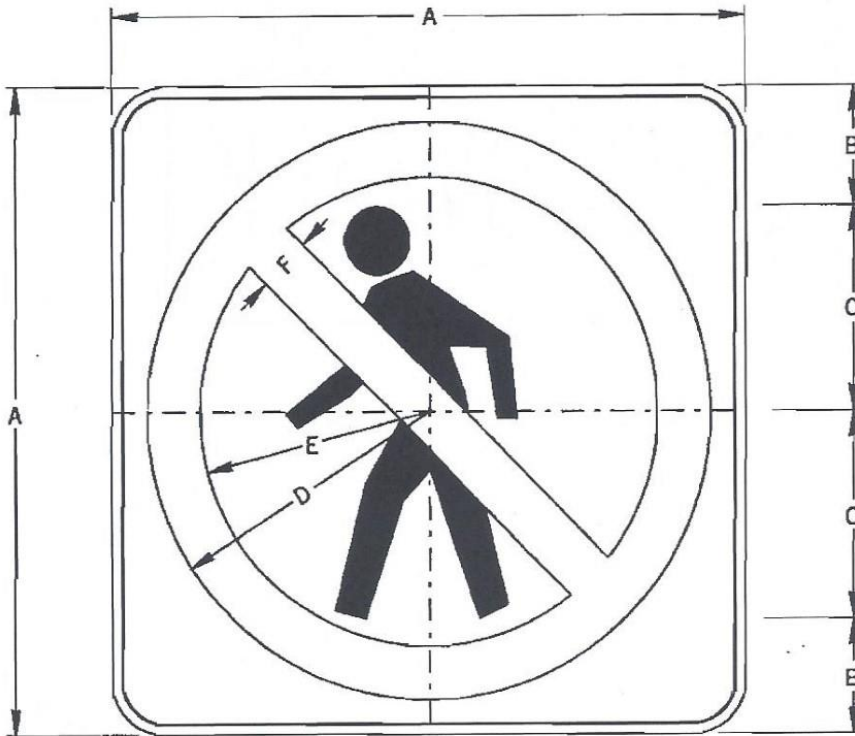
NO PEDESTRIAN CROSSING SIGN

(a) Justification. The No Pedestrian Crossing Sign (R9-3A) shall be authorized for use at locations where there is existing or potential pedestrian activity, and an engineering study determines the need to restrict pedestrian movement. The sign shall be used to restrict pedestrians if a physical barrier is infeasible, and shall be used to supplement a physical barrier. The engineering study shall be approved by the District Traffic Engineer and Assistant District Executive, and shall document that at least one of the following conditions is satisfied:

- (1) Where the District Traffic Engineer and Assistant District Executive agree that pedestrian accommodation should not be installed for an approach due to pedestrian crash history or geometrics.
- (2) When there is no room to safely walk at one or both ends of the normal pedestrian crossing area (i.e., there is no sidewalk, no accessible route, or paved shoulders are less than 1.2 m (4 feet) wide).
- (3) A clearly marked, safe alternate pedestrian crossing point is provided within 91.4 m (300 feet) away.

The appropriate Use Crosswalk Plaque (R9-3BR or R9-3BL) or other special sign plaque, as necessary, should be used beneath the R9-3A sign to provide adequate pedestrian guidance to the appropriate crossing.

(b) Placement. When used, the R9-3A sign should be positioned on the far end of the normal crosswalk area, facing pedestrians that would desire to cross the roadway.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	85 (3.4)	140 (5.6)	200 (8)	160 (6.4)	40 (1.6)	10 (0.4)	10 (0.4)	B3-450 (B3-18)
600 x 600 (24" x 24")	110 (4.4)	190 (7.6)	265 (10.6)	215 (8.6)	50 (2)	10 (0.4)	15 (0.6)	B3-600 (B3-24)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

CIRCLE AND DIAGONAL:
RED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

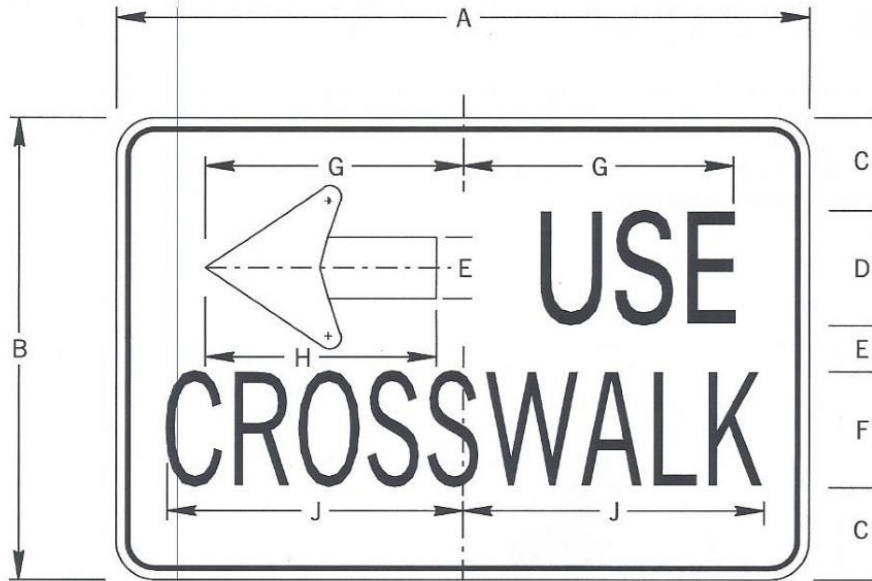
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: John C. Rowe Date: 11/5/08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-3BL

USE CROSSWALK PLAQUE, LEFT

The Use Crosswalk Plaque, Left (R9-3BL) shall be authorized beneath the No Pedestrian Crossing Sign (R9-3A) to direct pedestrians to a crosswalk.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.	
450 x 300 (18" x 12")	55 (2.2)	75C (3C)	40 (1.6)	75B (3B)	165 (6.6)	150 (6)	198 (7.8)	10 (0.4)	10 (0.4)	B5-450300 (B5-1812)	

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

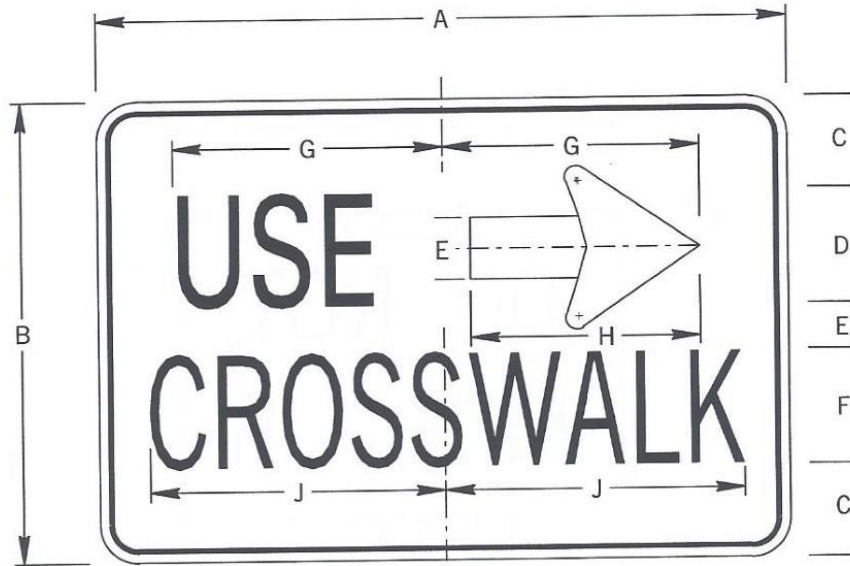
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-3BR

USE CROSSWALK PLAQUE, RIGHT

The Use Crosswalk Plaque, Right (R9-3BR) shall be authorized beneath the No Pedestrian Crossing Sign (R9-3A) to direct pedestrians to a crosswalk.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
450 x 300 (18" x 12")	55 (2.2)	75C (3C)	40 (1.6)	75B (3B)	165 (6.6)	150 (6)	198 (7.8)	10 (0.4)	10 (0.4)	B5-450300 (B5-1812)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-4B

DO NOT PICK UP HITCHHIKERS SIGN

The Do Not Pick Up Hitchhikers Sign (R9-4B) may be used in areas where it is especially unwise to pick up a person soliciting rides.

The R9-4B sign may be used in the surrounding areas where facilities such as prisons or hospitals are located.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	100C (4C)	60 (2.4)	206 (8.1)	225 (8.9)	153 (6)	191 (7.6)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-9

SIDEWALK CLOSED SIGN

The Sidewalk Closed Sign (R9-9) may be used to indicate the temporary closure of a sidewalk due to construction or other activities.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	55 (2.1)	75D (3D)	40 (1.8)	234 (9.4)	181 (7.2)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 450 (30" x 18")	87 (3.5)	100D (4D)	76 (3)	313 (12.5)	241 (9.6)	15 (0.6)	20 (0.8)	B5-750450 (B5-3018)

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

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

R9-10

SIDEWALK CLOSED USE OTHER SIDE SIGN

The Sidewalk Closed Use Other Side Sign (R9-10) may be used as applicable when a sidewalk is temporarily closed due to construction or other activities. A modified single-head arrow may be used as applicable.



NOTE: SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	45 (1.8)	50C (2C)	55 (2.2)	250 (9.9)	224 (9)	30 (1.2)	10 (0.4)	10 (0.4)	B5-600300 (B5-2412)
1200 x 600 (48" x 24")	90 (3.6)	100C (4C)	110 (4.4)	500 (20)	447 (17.9)	50 (2)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R9-11A

SIDEWALK CLOSED CROSS HERE SIGN

The Sidewalk Closed Cross Here Sign (R9-11A) may be used to indicate the pedestrian crossing point when a sidewalk has been temporarily closed due to construction or other activities.



NOTE: SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	45 (1.8)	50C (2C)	55 (2.2)	250 (9.9)	220 (8.8)	170 (6.8)	30 (1.2)	10 (0.4)	10 (0.4)	B5-600300 (B5-2412)
1200 x 600 (48" x 24")	90 (3.6)	100C (4C)	110 (4.4)	500 (20)	440 (17.9)	340 (13.5)	50 (2)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

COLOR:

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

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

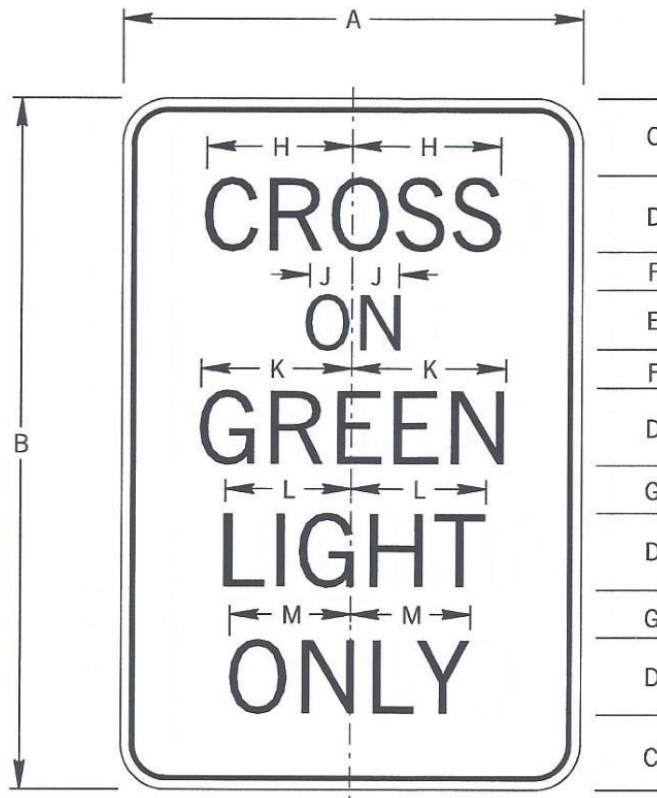
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-1

CROSS ON GREEN LIGHT ONLY SIGN

(a) Justification. The Cross on Green Light Only Sign (R10-1) shall be authorized for use to supplement traffic signal control or to aid in limiting pedestrian crossing to safe locations.

(b) Placement. The R10-1 sign shall be placed only at signalized intersections and shall be erected to face pedestrians about to cross the roadway.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	50 (2)	50D (2D)	40D (1.6D)	25 (1)	30 (1.2)	105 (4.1)	33 (1.3)	104 (4.1)	91 (3.6)	86 (3.4)	10 (0.4)	10 (0.4)	B5-450300 (B5-1812)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

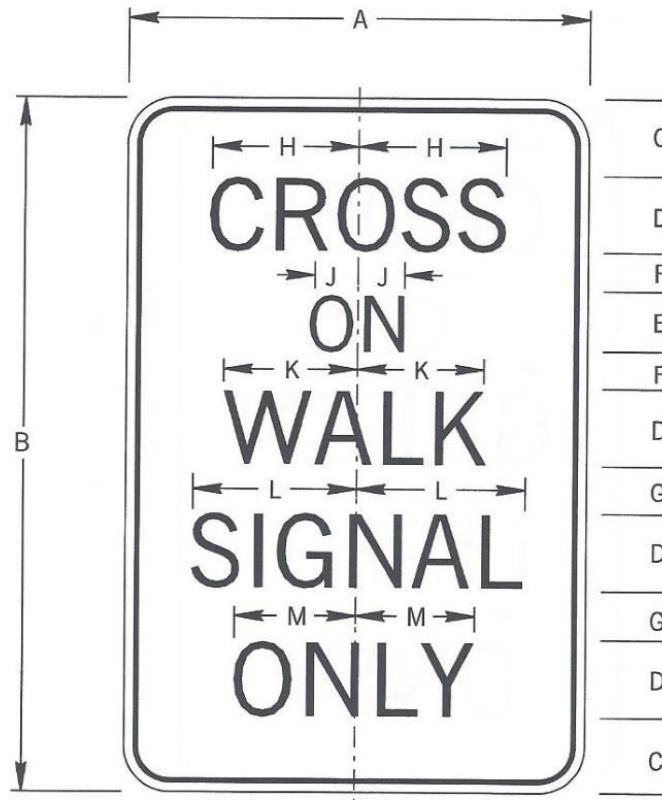
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-2

CROSS ON WALK SIGNAL ONLY SIGN

(a) Justification. The Cross on Walk Signal Only Sign (R10-2) shall be authorized for use to supplement WALK / DON'T WALK pedestrian signals or to aid in limiting pedestrian crossing to safe locations.

(b) Placement. The R10-2 sign shall be placed only at intersections having pedestrian signals and shall be erected to face pedestrians about to cross the roadway.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	50 (2)	50D (2D)	40D (1.6D)	25 (1)	30 (1.2)	105 (4.1)	33 (1.3)	88 (3.5)	120 (4.7)	86 (3.4)	10 (0.4)	10 (0.4)	B5-450300 (B5-1812)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

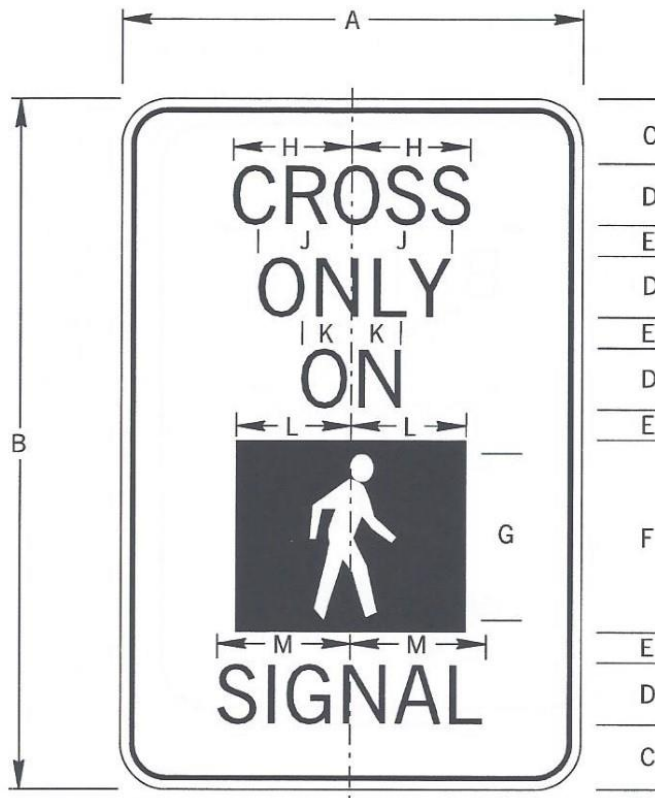
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-2A

CROSS ON WALK SYMBOL ONLY SIGN

(a) Justification. The Cross on Walk Symbol Only Sign (R10-2A) shall be authorized for use to supplement symbol-type pedestrian signals or to aid in limiting pedestrian crossing to safe locations.

(b) Placement. The R10-2A sign shall be placed only at intersections having pedestrian signals and shall be erected to face pedestrians about to cross the roadway.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	42 (1.7)	40D (1.6D)	20 (0.8)	126 (5)	108 (4.3)	84 (3.3)	68 (2.7)	33 (1.3)	75 (3)	95 (3.7)	10 (0.4)	10 (0.4)	B5-450300 (B5-1812)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED)

SYMBOL BACKGROUND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

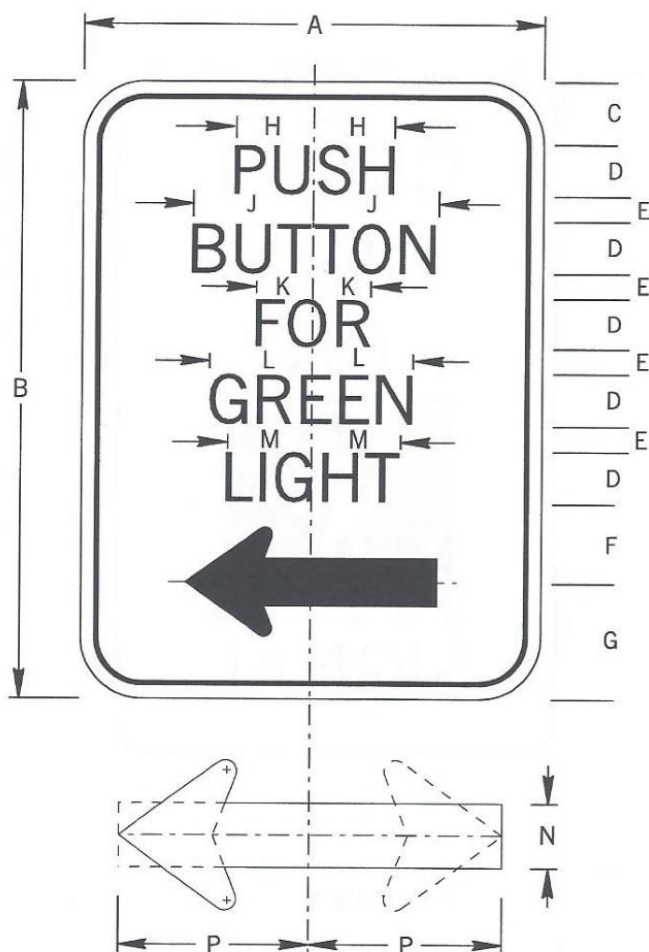
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-3

PUSH BUTTON FOR GREEN LIGHT SIGN

(a) Justification. The Push Button For Green Light Sign (R10-3) shall be authorized for use where it is desired to permit pedestrians to register a demand for the green signal.

(b) Placement. The R10-3 sign should be mounted parallel to the desired crossing, immediately above the push button. The arrow shall point in the direction of the crossing.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
225 x 300 (9" x 12")	30 (1.2)	25D (1D)	12 (0.5)	40 (1.6)	57 (2.2)	43 (1.7)	62 (2.4)	31 (1.2)	52 (2)	46 (1.8)	20 (0.8)	65 (2.6)	10 (0.4)	15 (0.6)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

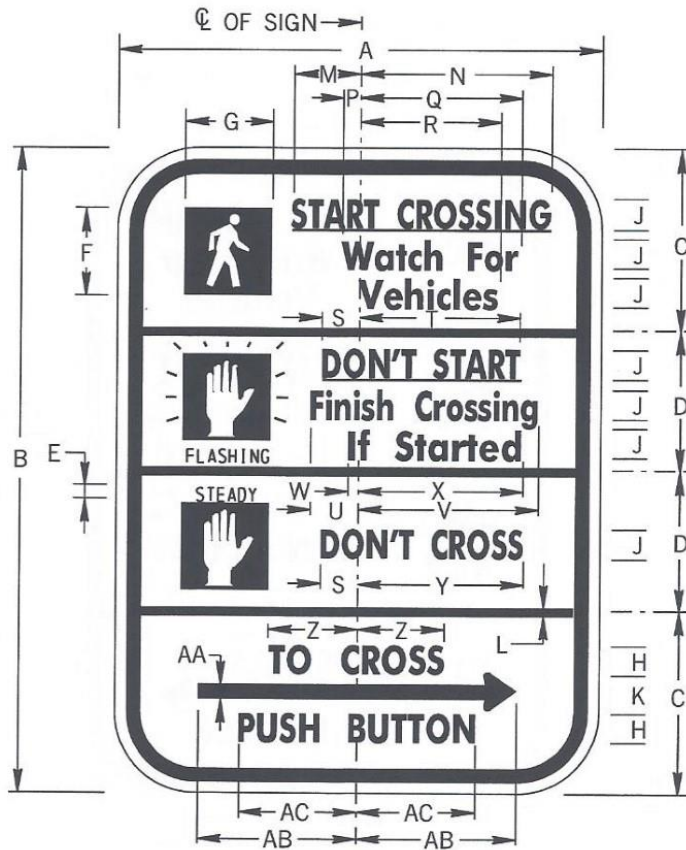
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-3B

EDUCATIONAL PUSH BUTTON FOR WALKING PERSON SIGNAL SIGN

The Educational Push Button for Walking Person Signal Sign (R10-3B) may be used as an alternate to the R10-4B sign at locations with symbol-type pedestrian signal indications where it is desired to permit pedestrians to register a demand for the walking person signal and also to provide an educational message concerning the meaning of walking person / upraised hand pedestrian signals.

The R10-3B sign should be mounted parallel to the desired crossing, immediately above the push button. The arrow shall point in the direction of the crossing.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q
225 x 300 (9" x 12")	85 (3.38)	65 (2.62)	7B (0.28B)	40 (1.5)	32 (1.24)	15C (0.6C)	15B (0.6B)	17 (0.7)	5 (0.25)	31 (1.24)	89 (3.50)	8 (0.32)	62 (2.44)

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	MAR- GIN	BOR- DER	BLANK STD.
225 x 300 (9" x 12")	49 (1.93)	17 (0.68)	73 (2.87)	22 (0.88)	77 (3.03)	5 (0.2)	62 (2.44)	76 (2.99)	41 (1.6)	7 (0.28)	74 (2.96)	57 (2.2)	10 (0.4)	10 (0.4)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

WALKING PERSON SYMBOL:
WHITE (REFLECTORIZED)

UPRAISED HAND SYMBOL
ORANGE (REFLECTORIZED)

SYMBOL BACKGROUND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

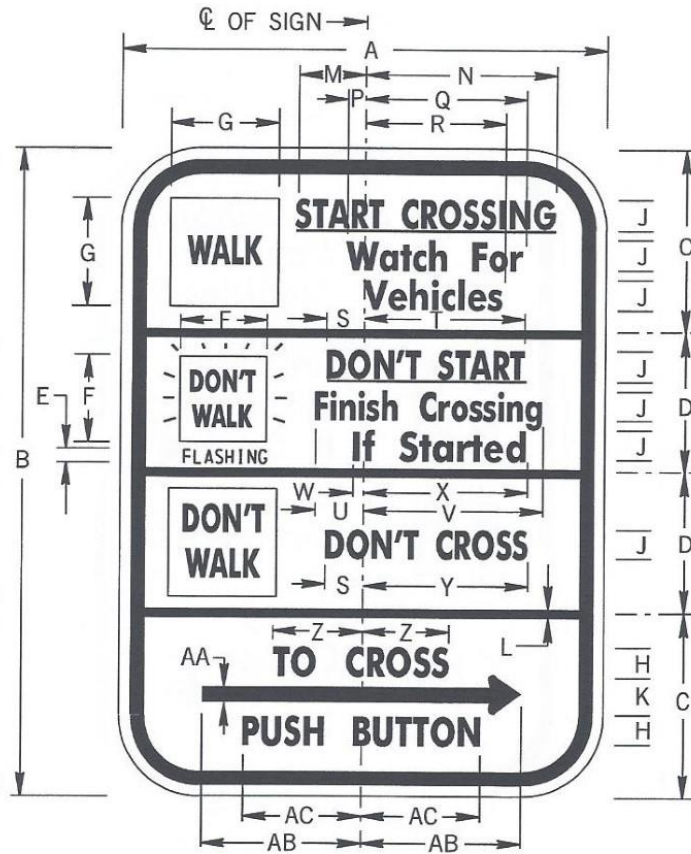
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-3C

EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL SIGN

The Educational Push Button for Walk Signal Sign (R10-3C) may be used as an alternate to the R10-4 sign at locations with WALK/DON'T WALK pedestrian signals where it is desired to permit pedestrians to register a demand for the WALK signal and also to provide an educational message concerning the meaning of WALK/DON'T WALK pedestrian signals.

The R10-3C sign should be mounted parallel to the desired crossing, immediately above the push button. The arrow shall point in the direction of the crossing.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q
225 x 300 (9" x 12")	85 (3.38)	65 (2.62)	7B (0.28B)	40 (1.5)	50 (2)	15C (0.6C)	15B (0.6B)	17 (0.7)	5 (0.25)	31 (1.24)	89 (3.50)	8 (0.32)	62 (2.44)

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	MAR- GIN	BOR- DER	BLANK STD.
225 x 300 (9" x 12")	49 (1.93)	17 (0.68)	73 (2.87)	22 (0.88)	77 (3.03)	5 (0.2)	62 (2.44)	76 (2.99)	41 (1.6)	7 (0.28)	74 (2.96)	57 (2.2)	10 (0.4)	10 (0.4)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

WALK MESSAGE:
WHITE (REFLECTORIZED)

DON'T WALK MESSAGE:
ORANGE (REFLECTORIZED)

WALK & DON'T WALK MESSAGE BACKGROUNDS:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

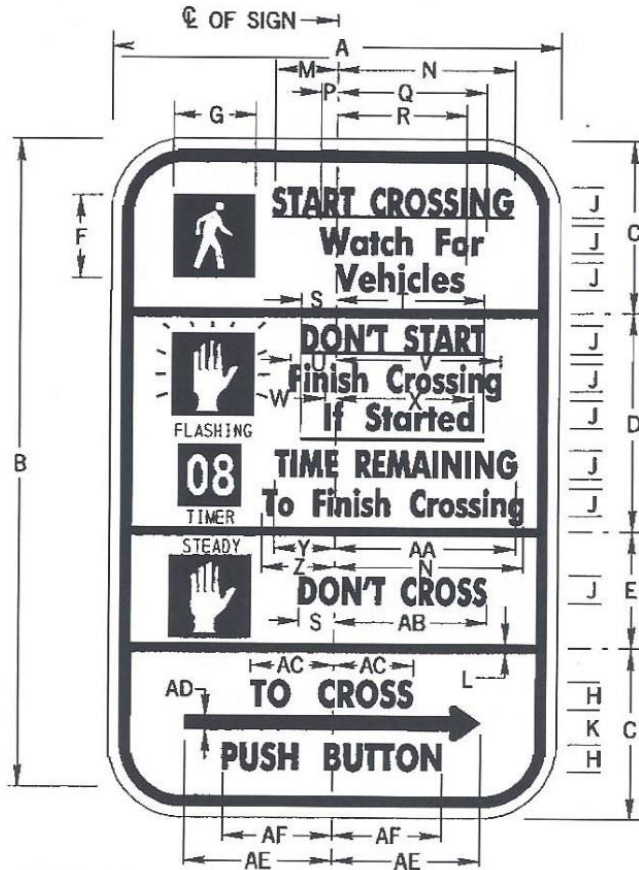
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-3E

EDUCATIONAL PUSH BUTTON FOR WALK SIGNAL WITH COUNTDOWN TIMER SIGN

The Educational Push Button for Walk Signal with Countdown Timer Sign (R10-3E) may be used as an alternate to the R10-4 sign at locations with symbol-type pedestrian signal indications and a countdown timer to help educate pedestrians as to the meaning of the symbols and the countdown timer.

When used, the R10-3E sign should be mounted parallel to the desired crossing, immediately above the push button. The arrow shall point in the direction of the crossing.



DIMENSIONS - mm (IN)

SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
225 x 375 (9" x 15")	90 (3.6)	123 (4.9)	72 (2.9)	40 (1.5)	32 (1.24)	15C (0.6C)	15B (0.6B)	17 (0.7)	5 (0.25)	31 (1.24)	89 (3.5)	8 (0.32)	62 (2.44)	65 (2.57)	17 (0.68)	68 (2.68)

DIMENSIONS - mm (IN)

SIGN SIZE A x B	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	MAR- GIN	BOR- DER	BLANK STD.
225 x 375 (9" x 15")	22 (0.88)	99 (3.90)	5 (0.2)	72 (2.82)	25 (1)	30 (1.2)	87 (3.4)	76 (2.99)	41 (1.6)	7 (0.28)	74 (2.96)	57 (2.2)	10 (0.4)	10 (0.4)	—

COLOR:

- LEGEND, ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)
- BACKGROUND:
WHITE (REFLECTORIZED)
- WALKING PERSON SYMBOL:
WHITE (REFLECTORIZED)
- UPRAISED HAND SYMBOL AND "08"
ORANGE (REFLECTORIZED)
- SYMBOL BACKGROUND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

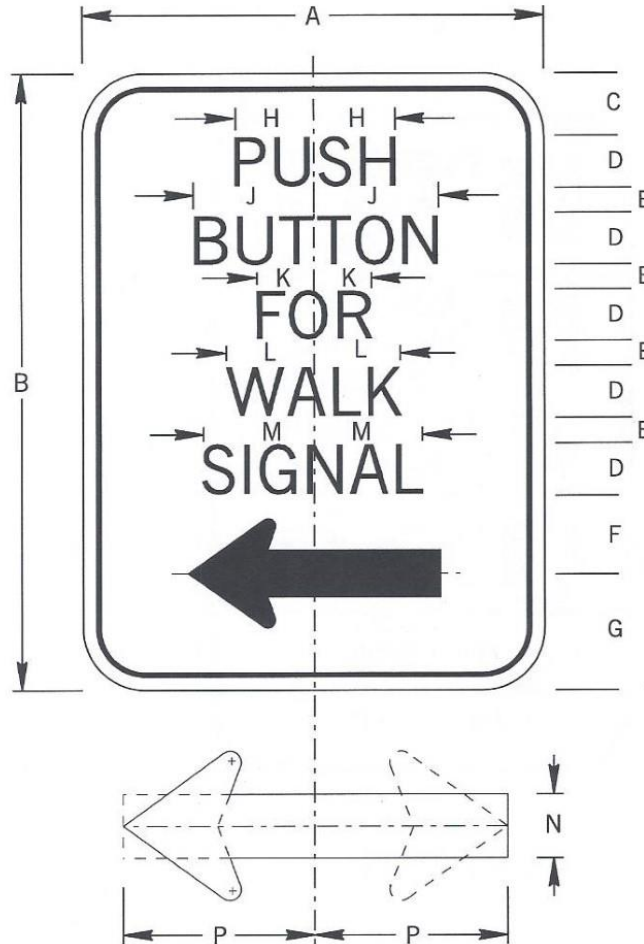
By: *James P. Amaglio* Date: 2-1-2010
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

R10-4

PUSH BUTTON FOR WALK SIGNAL SIGN

(a) Justification. The Push Button For Walk Signal Sign (R10-4) shall be authorized for use where it is desired to permit pedestrians to register a demand for the WALK signal.

(b) Placement. The R10-4 sign should be mounted parallel to the desired crossing, immediately above the push button. The arrow shall point in the direction of the crossing.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
225 x 300 (9" x 12")	30 (1.2)	25D (1D)	12 (0.5)	40 (1.6)	57 (2.2)	43 (1.7)	62 (2.4)	31 (1.2)	44 (1.7)	60 (2.3)	20 (0.8)	65 (2.6)	10 (0.4)	5 (0.2)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

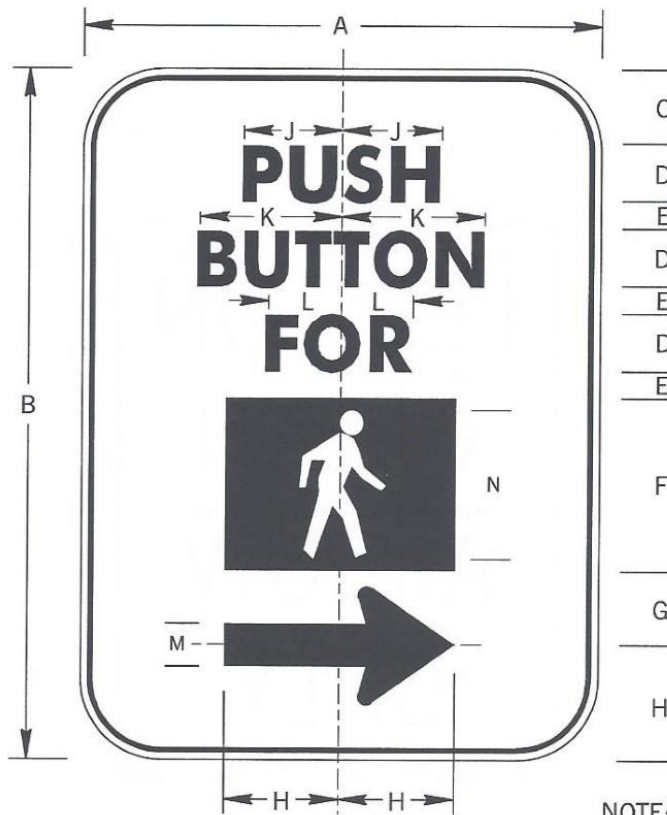
By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-4B

PUSH BUTTON FOR WALKING PERSON SIGNAL SIGN

The Push Button for Walking Person Signal Sign (R10-4B) may be used at locations with walking person/upraised hand pedestrian signals where it is desired to permit pedestrians to register a demand for the walking person signal.

The R10-4B sign should be mounted parallel to the desired crossing, immediately above the push button. The arrow shall point in the direction of the crossing.



NOTE:
SEE STANDARD ARROW FOR
ARROWHEAD DIMENSIONS.

DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
225 x 300 (9" x 12")	32 (1.3)	25D (1D)	12 (0.5)	75 (3.0)	32 (1.2)	50 (2)	43 (1.7)	62 (2.4)	31 (1.2)	20 (0.8)	60 (2.4)	10 (0.4)	10 (0.4)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL:
WHITE (REFLECTORIZED)

SYMBOL BACKGROUND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

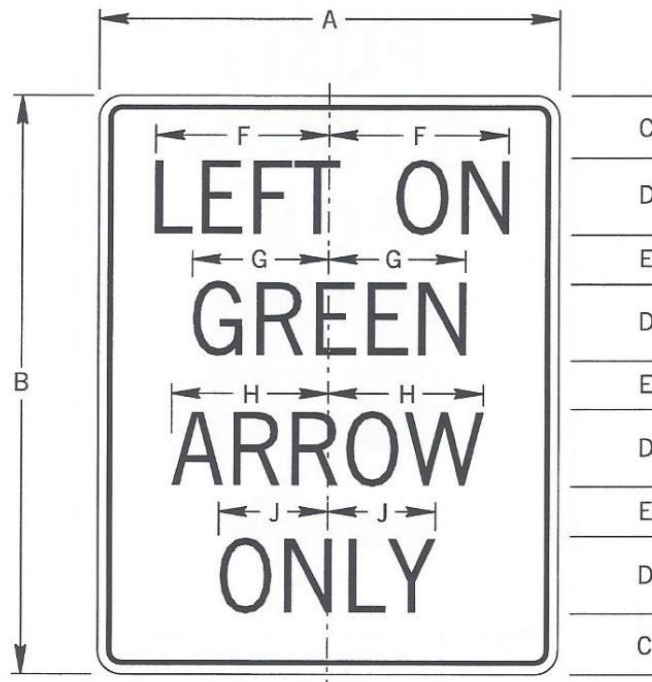
R10-5

LEFT ON GREEN ARROW ONLY SIGN

(a) Justification. The Left On Green Arrow Only Sign (R10-5) may be used at signalized intersections where left-turning vehicles are permitted to turn left only on a left green arrow.

(b) Placement. When used, the R10-5 sign shall be installed adjacent to the left turn signal.

(c) Size. The standard size of the R10-5 sign shall be 600 mm by 750 mm (24" x 30") for post-mounted signs and 750 mm by 900 mm (30" x 36") for overhead installations.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	79 (3.1)	100C (4C)	64 (2.6)	233 (9.3)	173 (6.8)	192 (7.6)	139 (5.5)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	89 (3.5)	125C (5C)	74 (3.0)	291 (11.6)	216 (8.5)	239 (9.4)	174 (6.8)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

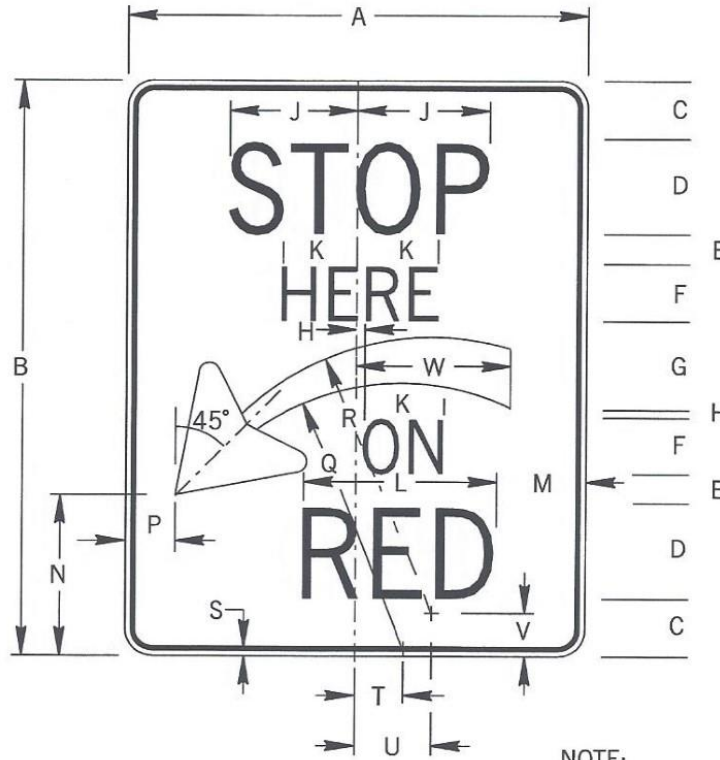
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-6AL

STOP HERE ON RED SIGN

(a) Justification. The Stop Here On Red Sign (R10-6AL) shall be authorized for use at signalized intersections to indicate the stopping point for vehicles when the stopping location must be placed further than normal from the intersection.

(b) Placement. The R10-6AL sign should be placed on the right and must be supplemented by a stop line in accordance with Department regulations (relating to stop lines).



NOTE:
USE STANDARD ARROWHEAD
FOR STEM WIDTH OF 70 mm
(SEE STANDARD ARROW)

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
600 x 750 (24" x 30")	75 (3)	125D (5D)	38 (1.5)	75D (3D)	114 (4.6)	10 (0.4)	207 (8.2)	123 (4.8)	301 (11.9)	80 (3.2)	210 (8.4)

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	P	Q	R	S	T	U	V	W	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	65 (2.6)	330 (13.2)	360 (14.4)	25 (1)	60 (2.4)	100 (4)	55 (2.2)	200 (8)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

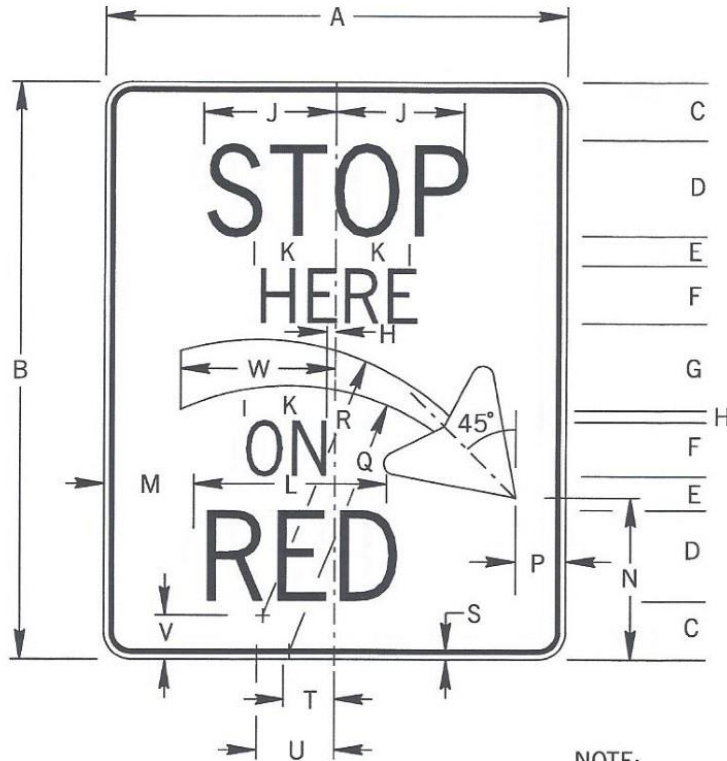
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-6AR

STOP HERE ON RED SIGN

(a) Justification. The Stop Here On Red Sign (R10-6AR) shall be authorized for use on divided streets at signalized intersections to indicate the stopping point for vehicles when the stopping location must be placed further than normal from the intersection.

(b) Placement. The R10-6AR sign should be placed in the median on the left and must be supplemented by a stop line in accordance with Department regulations (relating to stop lines).



NOTE:
USE STANDARD ARROWHEAD
FOR STEM WIDTH OF 70 mm
(SEE STANDARD ARROW)

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
600 x 750 (24" x 30")	75 (3)	125D (5D)	38 (1.5)	75D (3D)	114 (4.6)	10 (0.4)	207 (8.2)	123 (4.8)	301 (11.9)	80 (3.2)	210 (8.4)

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	P	Q	R	S	T	U	V	W	MAR- GIN	BOR- DER	BLANK STD.	
600 x 750 (24" x 30")	65 (2.6)	330 (13.2)	360 (14.4)	25 (1)	60 (2.4)	100 (4)	55 (2.2)	200 (8)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)	

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-6-1

LEFT LANE PLAQUE

The Left Lane Plaque (R10-6-1) 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 - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.	
600 x 450 (24" x 18")	75 (3)	125D (5D)	50 (2)	187 (7.3)	204 (8)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

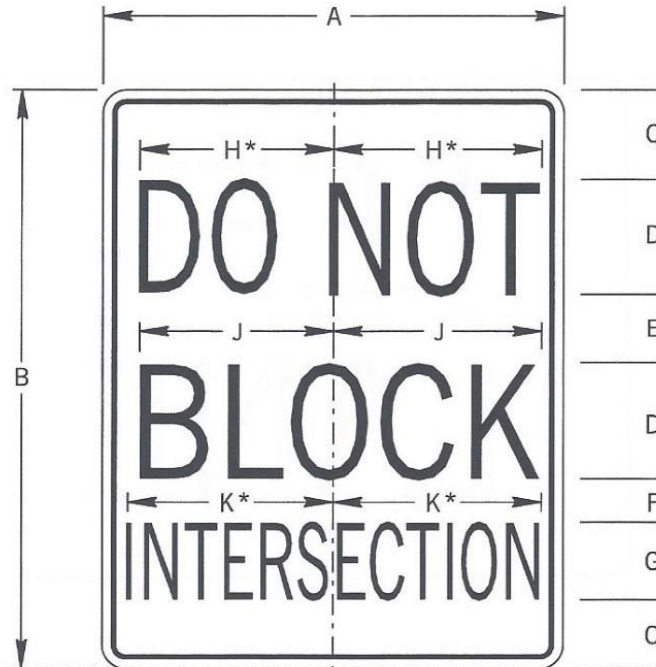
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-7

DO NOT BLOCK INTERSECTION SIGN

(a) Justification. The Do Not Block Intersection Sign (R10-7) shall be authorized for use where stopped traffic frequently blocks an intersection. When the condition is other than an intersection, the specific condition, such as DRIVEWAY, may be used in place of the word INTERSECTION.

(b) Placement. The R10-7 sign shall be placed immediately in advance of the street or other crossing which must be kept open.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	100 (4)	150C (6C)	90 (3.6)	60 (2.4)	100B (4B)	258 (10.2)	262 (10.3)	264 (10.4)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

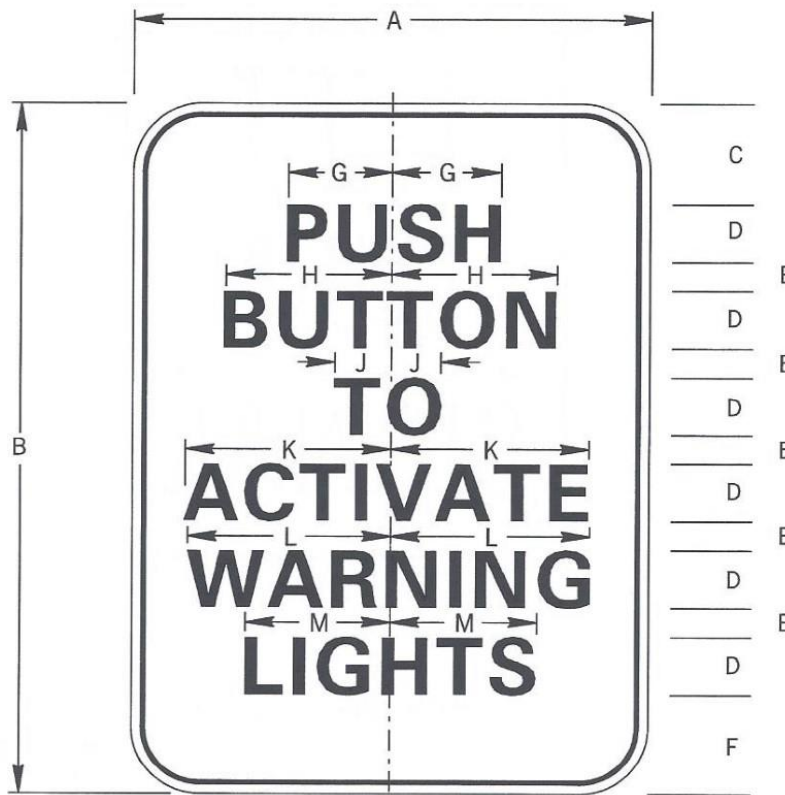
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-8

PUSH BUTTON TO ACTIVATE WARNING LIGHTS SIGN

The Push Button to Activate Warning Lights Sign (R10-8) 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 R10-8 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 R10-8 sign should be mounted parallel to the desired crosswalk, immediately above the push button. When installed for other purposes, the R10-8 sign should be in close proximity to the push button.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
225 x 300 (9" x 12")	37 (1.5)	25D (1D)	15 (0.6)	38 (1.5)	43 (1.7)	62 (2.4)	19 (0.8)	77 (3.1)	73 (2.9)	56 (2.2)	10 (0.4)	5 (0.2)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

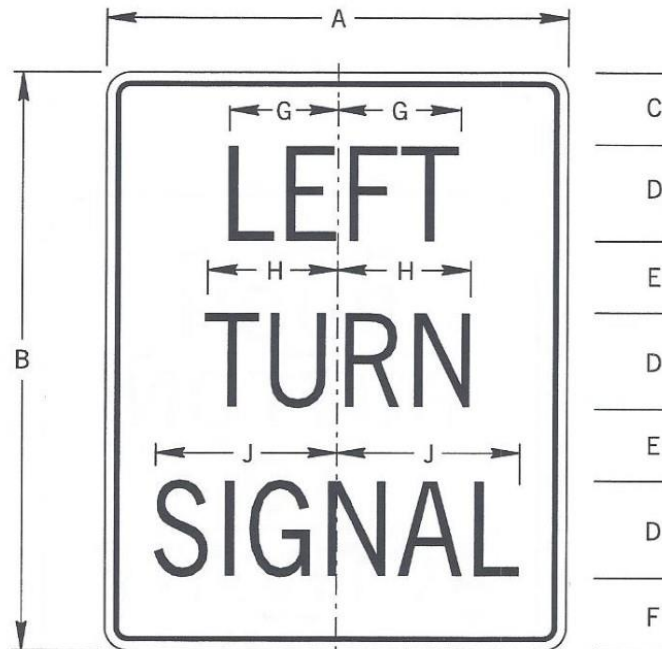
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-10L

LEFT TURN SIGNAL SIGN

(a) Justification. The Left Turn Signal Sign (R10-10L) shall be authorized for use with and is to be located close to a specific signal controlling a left-turning movement.

(b) Size. The standard size of the R10-10L sign shall be 600 mm by 750 mm (24" x 30"). The standard size for overhead installations shall be 750 mm by 900 mm (30" x 36").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	103 (4.1)	125C (5C)	85 (3.4)	102 (4.1)	156 (6.2)	174 (6.8)	247 (9.7)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	125 (5)	150C (6C)	100 (4)	125 (5)	187 (7.4)	208 (8.2)	295 (11.6)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

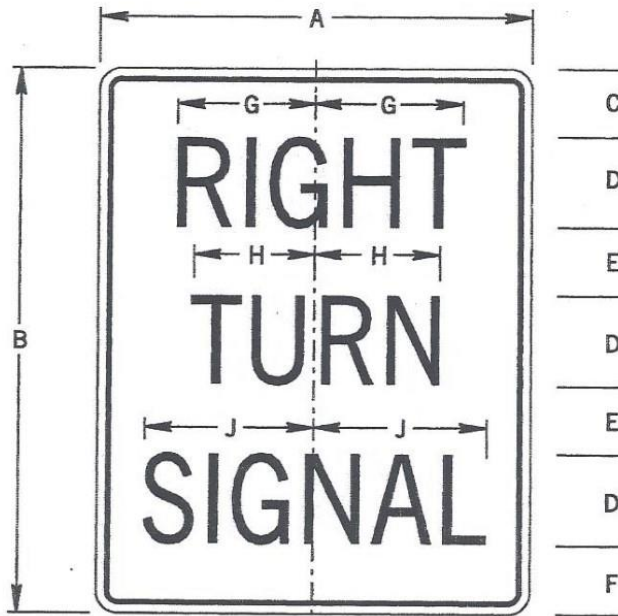
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-10R

RIGHT TURN SIGNAL SIGN

(a) Justification. The Right Turn Signal Sign (R10-10R) shall be authorized for use with and is to be located close to a specific signal controlling a right-turning movement.

(b) Size. The standard size of the R10-10R sign shall be 600 mm by 750 mm (24" x 30"). The standard size for overhead installations shall be 750 mm by 900 mm (30" x 36").



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	103 (4.1)	125C (5C)	85 (3.4)	102 (4.1)	196 (7.7)	174 (6.8)	247 (9.7)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	125 (5)	150C (6C)	100 (4)	125 (5)	234 (9.2)	208 (8.2)	295 (11.6)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

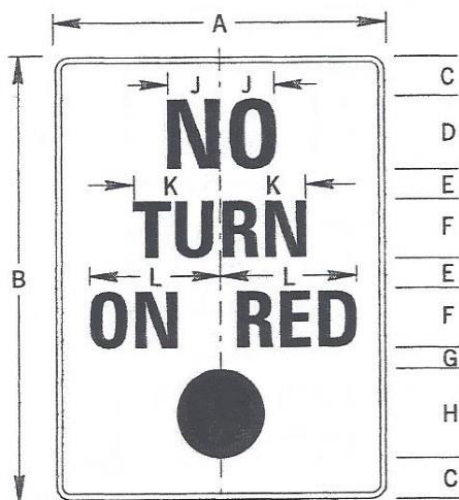
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-11

NO TURN ON RED SYMBOL SIGN

(a) Justification. The No Turn On Red Symbol Sign (R10-11) may 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 R10-11C 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 3 m (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 - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	67 (2.7)	125E (5E)	50 (2)	100D (4D)	41 (1.6)	150 (6)	120 (4.7)	167 (6.6)	242 (9.6)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	62 (2.5)	150D (6E)	63 (2.5)	125D (5D)	50 (2)	200 (8)	143 (5.6)	209 (8.2)	316 (12.5)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

CIRCULAR SYMBOL:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-11B

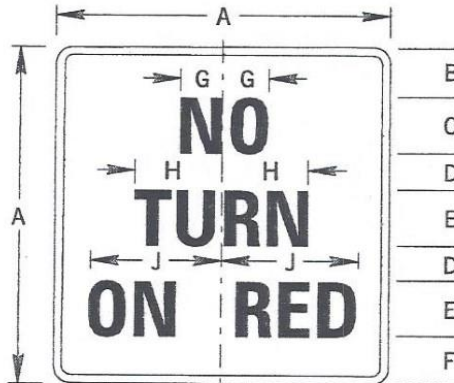
NO TURN ON RED SQUARE-SHAPED SIGN

(a) Justification. The No Turn On Red Square-Shaped Sign (R10-11B) may be used as an alternate to the No Turn on Red Symbolic 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 Hour Plaque (R10-20A) 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 (R10-11C) 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 3 m (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 - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	85 (3.4)	100E (4E)	65 (2.6)	100D (4D)	85 (3.4)	96 (3.8)	167 (6.6)	242 (9.6)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	113 (4.5)	125E (5E)	75 (3)	125D (5D)	112 (4.5)	120 (4.7)	208 (8.2)	303 (12.0)	15 (0.6)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

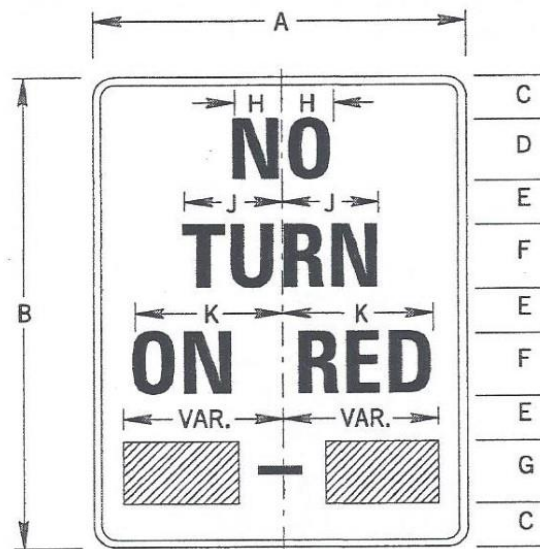
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-11C

NO TURN ON RED WITH A ONE-LINE RESTRICTION SIGN

(a) Justification. The No Turn On Red with a One-Line Restriction Sign (R10-11C) may be used as an alternate to the No Turn on Red Square-Shaped Sign (R10-11B) 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 a specific time. When used, the restriction should be inserted in the last line. Appropriate restrictions include but are not limited to "MON-FRI" or "7-9AM".

(b) Placement. When used, the R10-11C sign should be installed near the appropriate signal head. If a sign cannot be erected within 3 m (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.



* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.	
600 x 750 (24" x 30")	85 (3.4)	100E (4E)	60 (2.4)	100D (4D)	100* (4*)	96 (3.8)	167 (6.6)	242 (9.6)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)	
750 x 900 (30" x 36")	95 (3.8)	125E (5E)	70 (2.8)	125D (5D)	125* (5*)	120 (4.7)	208 (8.2)	303 (12.0)	15 (0.6)	20 (0.8)	B-900750 (B5-3630)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

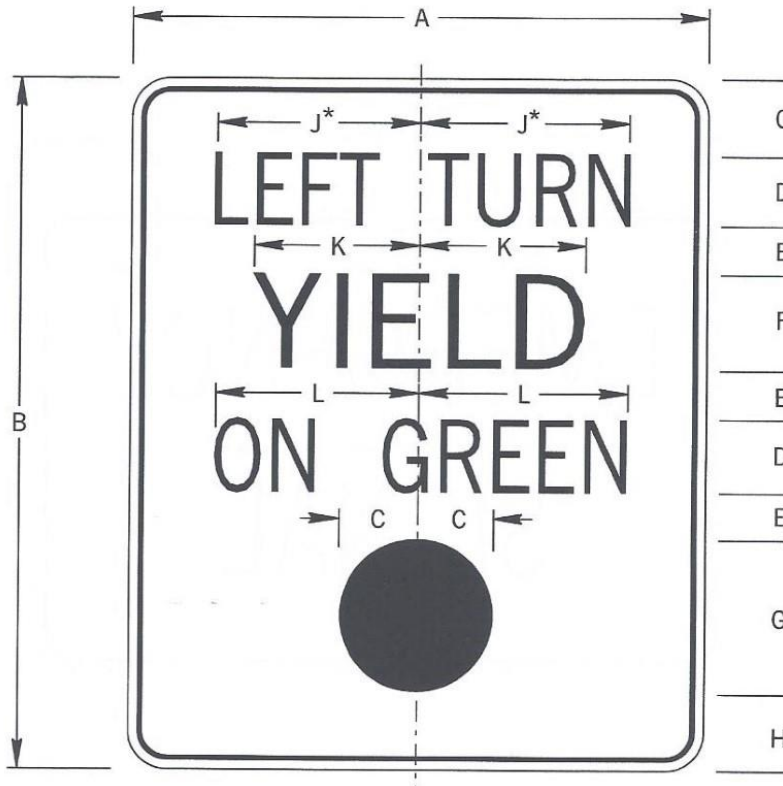
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-12

LEFT TURN YIELD ON GREEN SIGN

(a) Justification. The Left Turn Yield On Green Sign (R10-12) may be used when a left-turning movement on an approach is protected by the display of a left green arrow during one phase of the traffic signal operation, and also permitted by the display of a circular green during another phase. The (R10-12) sign may also be used, on a temporary basis, to notify drivers of a change in operation when a protected/permitted left turn phase is converted to a permitted left turn phase.

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



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	100 (4)	100C (4C)	65 (2.6)	125C (5C)	200 (8)	80 (3.2)	295 (11.6)	193 (7.6)	281 (11.1)	10 (0.4)	15 (0.6)	B5-900750 (B5-3630)

* REDUCE SPACING 10%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

CIRCULAR SYMBOL
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

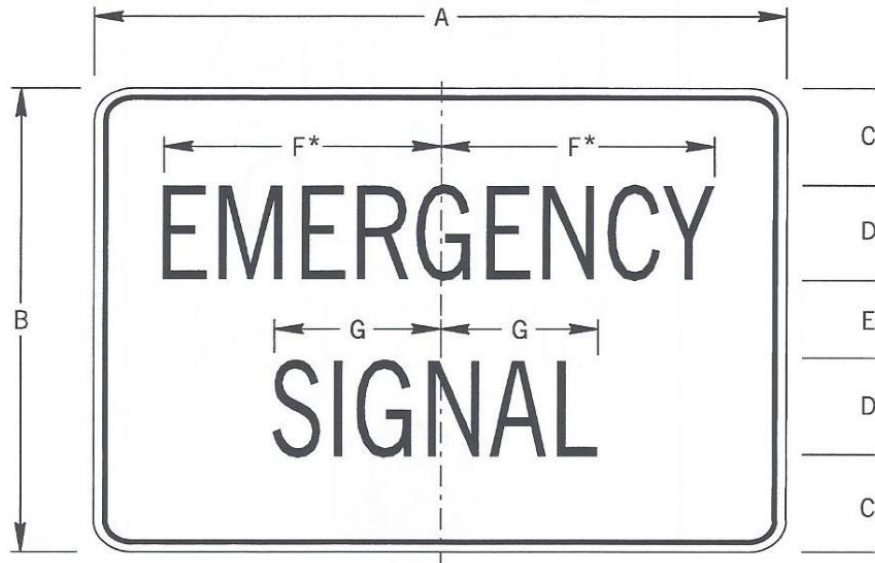
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-13

EMERGENCY SIGNAL SIGN

(a) Justification. The Emergency Signal Sign (R10-13) shall be authorized for use at locations where a traffic-control signal is installed to obtain the right-of-way for an emergency vehicle.

(b) Placement. The R10-13 sign shall be located adjacent to the overhead signal for each street approach.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 600 (36" x 24")	125 (5)	125C (5C)	100 (4)	362 (14.2)	247 (9.7)	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-15

TURNING TRAFFIC MUST YIELD TO PEDESTRIANS

The Turning Traffic Must Yield To Pedestrians Sign (R10-15) may be installed to remind drivers who are making turns to yield to pedestrians, especially at intersections where right turn on red is permitted and pedestrian cross walks are marked.

(The standard size R10-15 Sign shall be 600mm x 750mm (24" x 30"))



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	105 (4.25)	63D (2.5D)	50 (2)	88D (3.5D)	171 (6.8)	161 (6.4)	143 (5.7)	181 (7.2)	266 (10.5)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	112 (4.5)	75D (3D)	69 (2.75)	100D (4D)	203 (8.1)	192 (7.7)	162 (6.5)	215 (8.6)	316 (12.6)	15 (0.6)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: James P. Lenagha Date: 2-1-2010
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

R10-18

TRAFFIC LAWS PHOTO ENFORCED SIGN

(a) Justification. The Traffic Laws Photo Enforced Sign (R10-18) may be installed at a jurisdictional boundary to advise road users that some of the traffic regulations within that jurisdiction are being enforced by photographic equipment.

The R10-18 sign may also be installed within a jurisdiction along corridors or in other geographic areas where traffic regulations are being enforced by photographic equipment.

(b) Size. When used on an expressway, the standard size of the R10-18 sign shall be 1200 mm by 750 mm (48"x30"). When used on a freeway, the standard size of the R10-18 sign shall be 1800 mm by 900 mm (72"x36").



DIMENSIONS -- mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 450 (36" x 18")	113 (4.5)	75C (3C)	74 (3)	308 (12.2)	382 (15.1)	10 (0.4)	15 (0.6)	B5-900450 (B5-3618)
1200 x 750 (48" x 30")	188 (7.5)	125C (5C)	124 (5)	514 (20.3)	560 (22.1)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)
1800 x 900 (72" x 36")	213 (8.5)	150C (6C)	174 (7)	617 (24.4)	763 (30.1)	20 (0.8)	25 (1.0)	B5-1800900 (B5-7236)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : James P. Amagishi Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

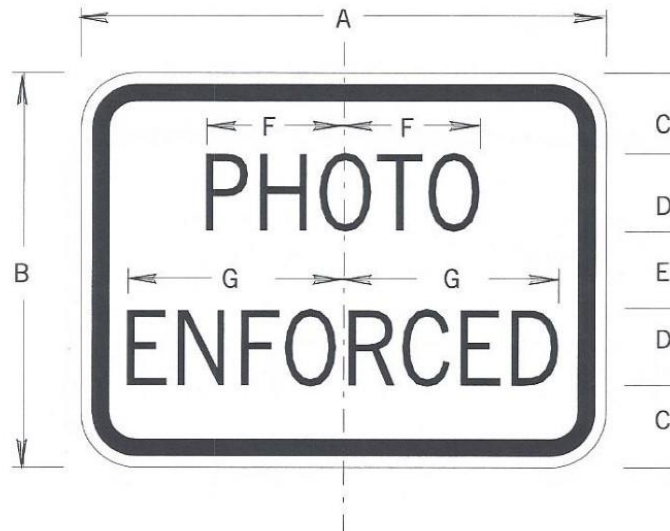
R10-19

PHOTO ENFORCED SIGN

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

The R10-19 sign may also be mounted alone on a traffic control signal support to advise road users that an automated red light enforcement system is in use.

(b) Size. The standard size of the R10-19 sign when mounted alone overhead on a traffic control signal support shall be 900 mm by 750 mm (36" x 30"). When used on an expressway, the standard size of the R10-19 sign shall be 900 mm by 750 mm (36" x 30"). When used on a freeway, the standard size of the R10-19 sign shall be 1200 mm by 900 mm (48" x 36").



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	92 (3.7)	88C (3.5C)	90 (3.6)	156 (6.1)	246 (9.7)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
900 x 750 (36" x 30")	175 (7)	138C (5.5C)	124 (5)	245 (9.6)	385 (15.2)	10 (0.4)	15 (0.6)	B5-900750 (B5-3630)
1200 x 900 (48" x 36")	188 (7.5)	175C (7C)	174 (7)	312 (12.3)	491 (19.4)	15 (0.6)	20 (0.8)	B5-9001200 (B5-3648)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

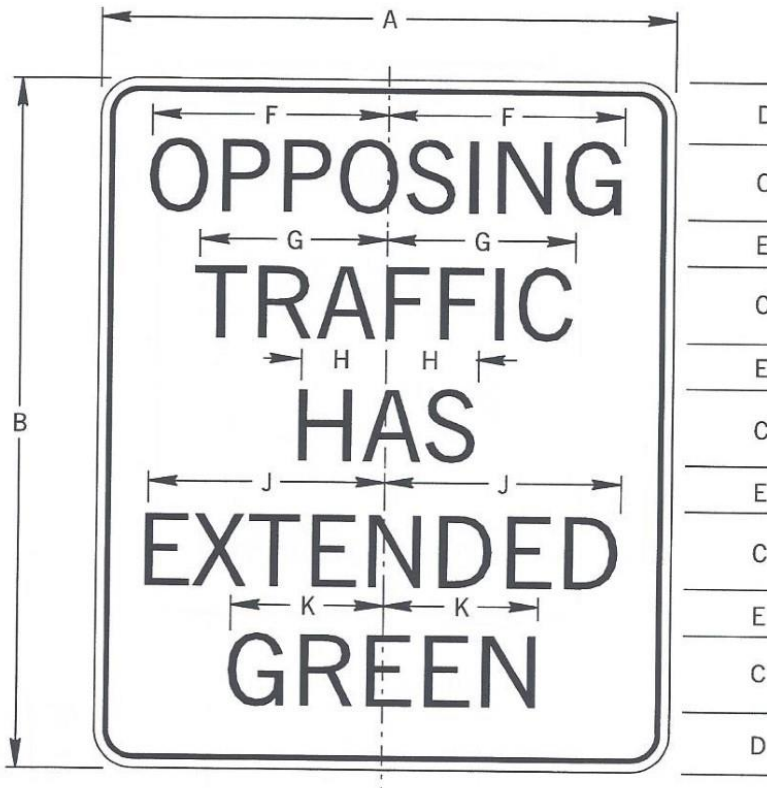
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R10-20

OPPOSING TRAFFIC HAS EXTENDED GREEN SIGN

(a) Justification. The Opposing Traffic Has Extended Green Sign (R10-20) shall be authorized for use with a traffic-control signal installation where opposing traffic has a lagging green. It shall be used to advise the motorist facing the sign that the opposing traffic will continue to move although he has a red signal indication.

(b) Placement. The R10-20 sign should be near and facing the approach lanes of traffic, which might presumably conflict with traffic entering the intersection on a lagging green signal indication, on a signal post or pedestal beneath the signal. It may also be placed in an overhead position on a signal mast arm or span wire.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	100D (4D)	80 (3.2)	60 (2.4)	328 (13)	271 (10.7)	130 (5.1)	329 (13)	207 (8.2)	10 (0.4)	15 (0.6)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

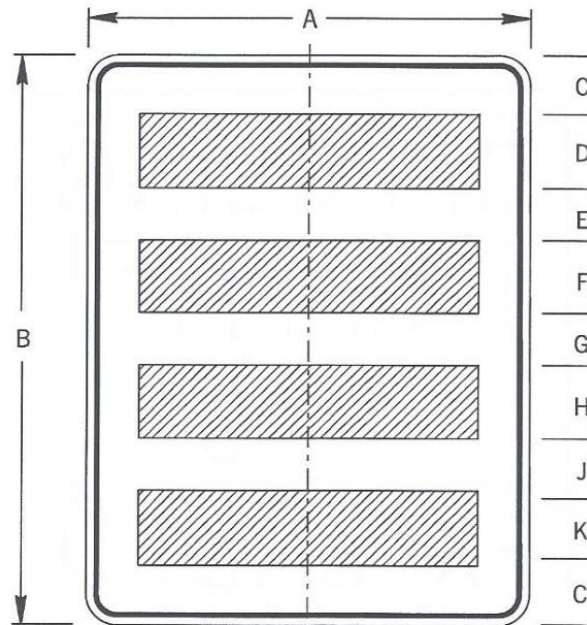
R10-20A

RESTRICTED HOURS PLAQUE

The Restricted Hours Plaque (R10-20A) may be used as a supplemental sign beneath any turn prohibition sign or the No Turn On Red Square-Shaped Sign (R10-11B) to designate the effective hours of the restriction. The R10-20A plaque may also be used in conjunction with the Speed Limit Sign (R2-1) when identifying a school zone speed limit and the No Parking Sign (R7-1).

The R10-20A plaque shall have a maximum of three lines, except when used for a school zone speed limit on roadways with a normal speed limit of 35 MPH (55 km/h) or less. The first line may be used to designate the effective days of the week.

The R10-20A plaque shall be mounted below the primary sign, and shall have the same width as the primary sign.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	100 (4)	100* (4)*	-	-	-	-	-	-	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
600 x 450 (24" x 18")	90 (3.6)	100* (4)*	70 (2.8)	100* (4)*	-	-	-	B5-600450 (B5-2418)			
600 x 600 (24" x 24")	80 (3.2)	100* (4)*	70 (2.8)	100* (4)*	70 (2.8)	100* (4)*	-	B3-600 (B3-24)			
600 x 750 (24" x 30")	70 (2.8)	100* (4)*	70 (2.8)	100* (4)*	70 (2.8)	100* (4)*	70 (2.8)	100* (4)*			B5-750600 (B5-3024)
750 x 375 (30" x 15")	125 (5)	125* (5)*	-	-	-	-	-	-	15 (0.6)	20 (0.8)	B5-750375 (B5-3015)
750 x 600 (30" x 24")	125 (5)	125* (5)*	100 (4)	125* (5)*	-	-	-	-			B5-750600 (B5-3024)
750 x 750 (30" x 30")	100 (4)	125* (5)*	88 (3.5)	125* (5)*	87 (3.5)	125* (5)*	-	-			B3-750 (B3-30)
750 x 900 (30" x 36")	95 (3.8)	125* (5)*	70 (2.8)	125* (5)*	70 (2.8)	125* (5)*	70 (2.8)	125* (5)*			B5-900750 (B5-3630)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-2

ROAD CLOSED SIGN

The Road Closed Sign (R11-2) shall be authorized for use to mark highways that have been closed to all traffic, except equipment of contractors and other authorized vehicles, either because of construction or maintenance operations or because of a temporary emergency. The word "RAMP" may be substituted for the word "ROAD" when a ramp has been closed in accordance with the provisions above.

The R11-2 sign should be mounted on a Type III Barricade.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 750 (48" x 30")	125 (5)	200D (8D)	100 (4)	351 (13.8)	501 (19.8)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-2-1

BRIDGE CLOSED SIGN

(a) Justification. The Bridge Closed Sign (R11-2-1) may be used to sign bridges that have been closed to all traffic.

(b) Placement. The R11-2-1 sign should be mounted on a Type III Barricade.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.	
1200 x 750 (48" x 30")	125 (5)	200D (8D)	100 (4)	467 (18.4)	501 (19.8)	10 (0.4)	20 (0.8)	B5-1200750 (B5-4830)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

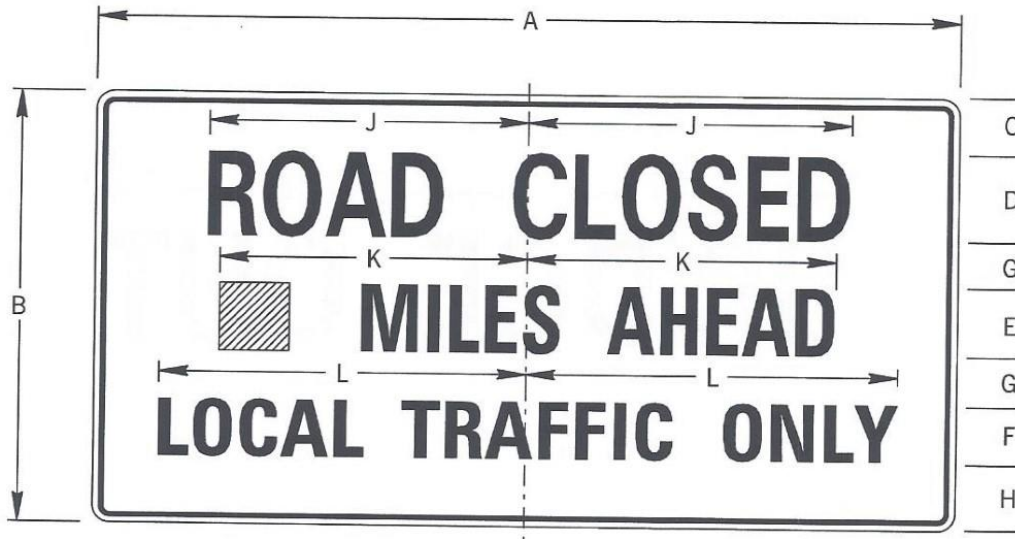
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-3A

ROAD CLOSED – LOCAL TRAFFIC ONLY SIGN

The Road Closed – Local Traffic Only Sign (R11-3A) 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.



DIMENSIONS – mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1500 x 750 (60" x 30")	105 (4.2)	150C (6C)	125C (5C)	100C (4C)	85 (3.4)	100 (4)	601 (23.8)	584 (23.1)	635 (25.1)	10 (0.4)	15 (0.6)	B5-1500750 (B5-6030)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

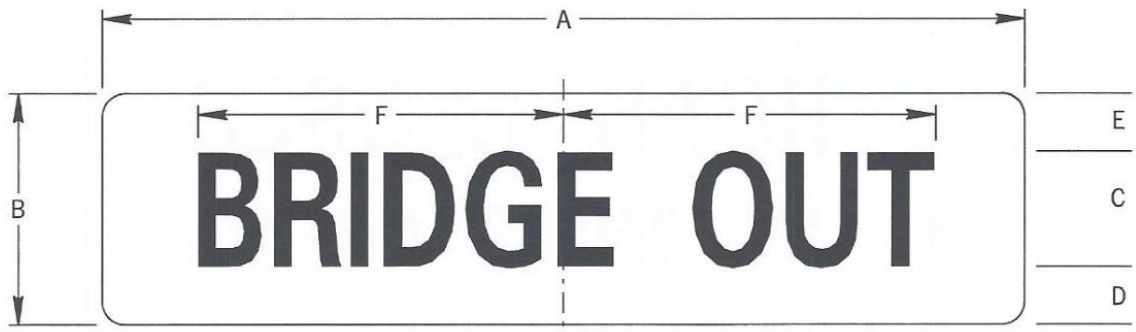
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (R11-3A).



DIMENSIONS – mm (IN)					
SIGN SIZE A x B	C	D	E	F	BLANK STD.
1200 x 300 (48" x 12")	150C (6C)	80 (3.2)	70 (2.8)	519 (20.5)	B5-1200300 (B5-4812)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

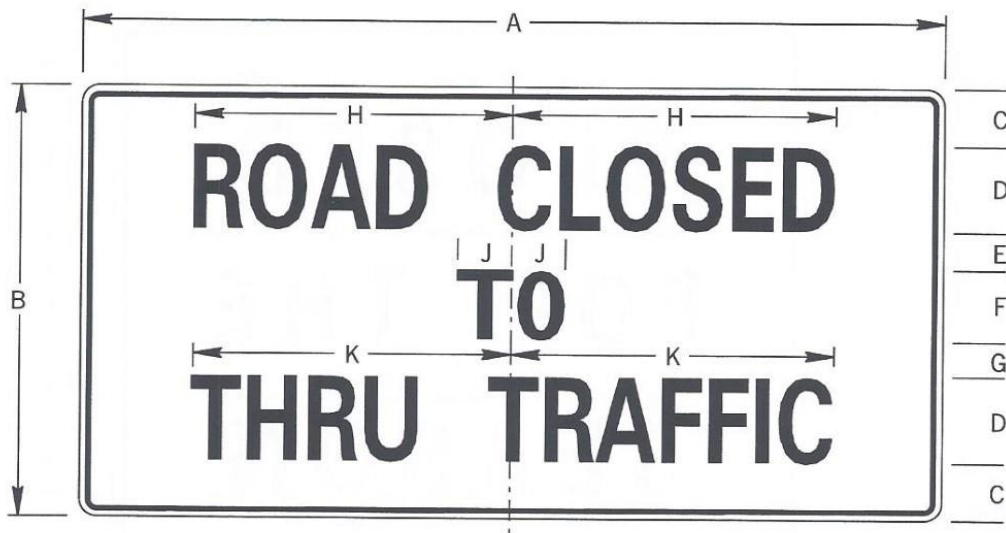
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-4

ROAD CLOSED TO THRU TRAFFIC SIGN

The Road Closed To Thru Traffic Sign (R11-4) may be used in urban areas where a highway is closed due to construction, maintenance or other temporary emergency. "STREET" may be used in place of "ROAD".



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
1500 x 750 (60" x 30")	100 (4)	150C (6C)	63 (2.5)	125C (5C)	62 (2.5)	601 (23.8)	80 (3.1)	619 (24.4)	10 (0.4)	20 (0.8)	B5-1500750 (B5-6030)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-6

CLOSED FOR THE SEASON SIGN

(a) Justification. The Closed For The Season Sign (R11-6) shall be authorized for use on non-Interstate Rest Areas which have been closed for the season.

(b) Placement. The R11-6 sign should be placed on a reflectorized red and white striped barricade closing the area.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 750 (36" x 30")	130 (5.2)	100E (4E)	95 (3.8)	294 (11.6)	333 (13.1)	306 (12)	10 (0.4)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

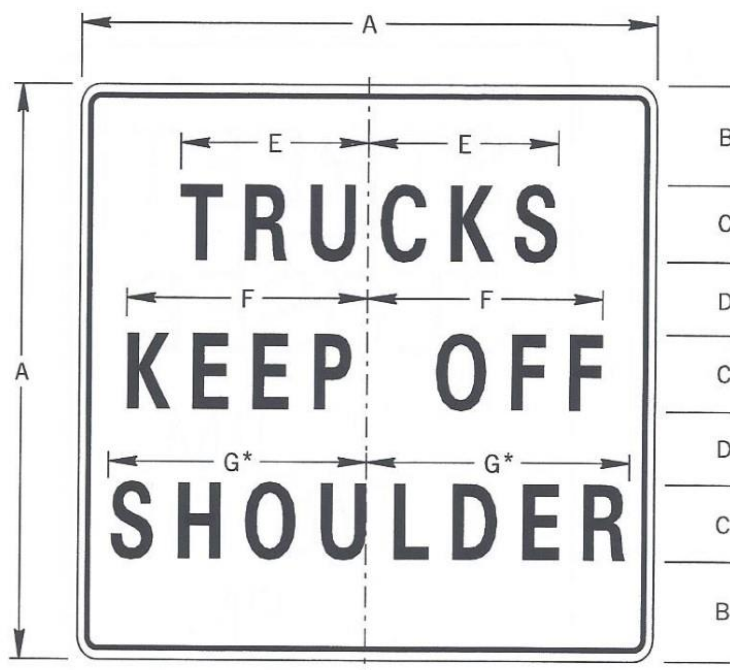
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-7

TRUCKS KEEP OFF SHOULDER SIGN

(a) Justification. The Trucks Keep Off Shoulder Sign (R11-7) shall be authorized at locations where trucks frequently travel on the shoulder but the shoulder is not capable of supporting truck traffic.

(b) Placement. The R11-7 sign shall be erected immediately in advance of and at intervals throughout the restricted area.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125 (5)	100D (4D)	100 (4)	255 (10)	329 (13)	321 (12.6)	10 (0.4)	15 (0.6)	B3-750 (B3-30)

* REDUCE SPACING 33%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

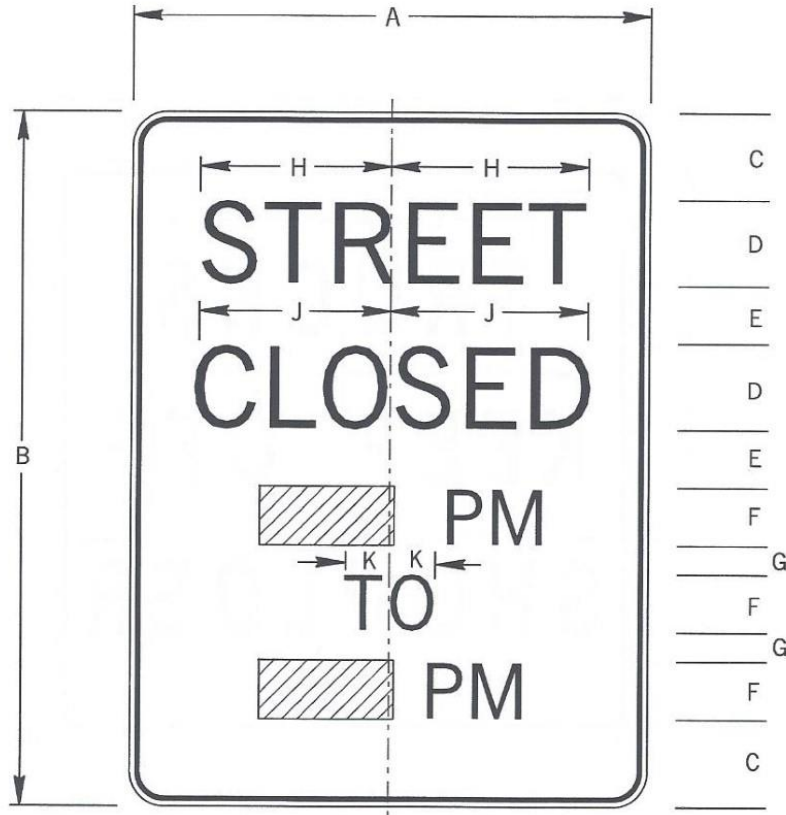
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-10

STREET CLOSED () TO () SIGN

(a) Justification. The Street Closed () to () Sign (R11-10) shall be authorized for use where the street is closed by local authorities for special activities. The word "ROAD" may be used in place of "STREET".

(b) Placement. The R11-10 sign shall be placed on a Type III barricade in the center of the street.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	75 (3)	75D (3D)	50 (2)	50D (2D)	25 (1)	180 (7)	187 (7.4)	38 (1.5)	10 (0.4)	10 (0.4)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

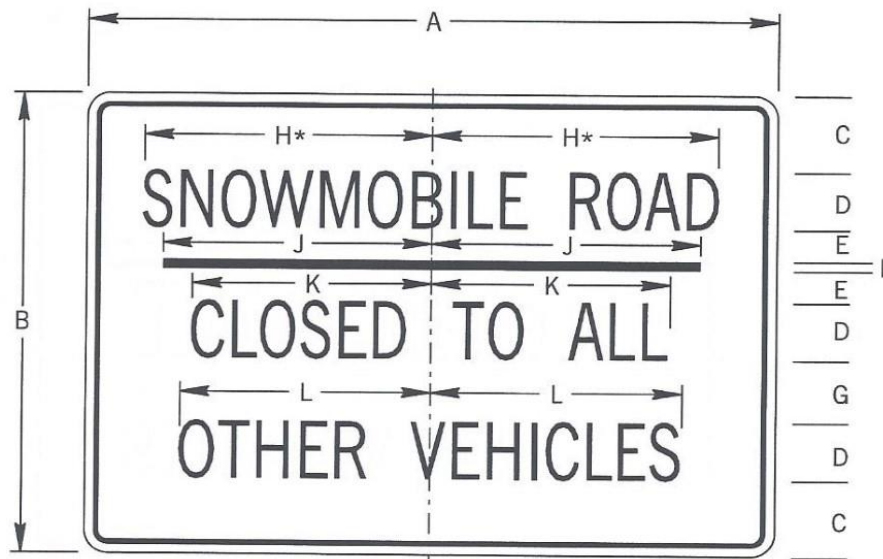
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-11

SNOWMOBILE ROAD – CLOSED TO ALL OTHER VEHICLES SIGN

(a) Justification. The Snowmobile Road – Closed To All Other Vehicles Sign (R11-11) may be used when a street or highway has been closed to all vehicular traffic other than snowmobiles and designated as a snowmobile road by the governmental agency having jurisdiction over the street or road.

(b) Placement. The R11-11 sign should be mounted on a Type III, red and white reflectorized barricade in the center of the roadway, or if the pavement width does not permit, at the right side of the roadway.



DIMENSIONS – mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 600 (36" x 24")	100 (4)	75C (3C)	40 (1.6)	12 (0.5)	83 (3.3)	385 (15.2)	360 (14.4)	355 (14.0)	364 (14.4)	10 (0.4)	10 (0.4)	B5-900600 (B5-3624)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

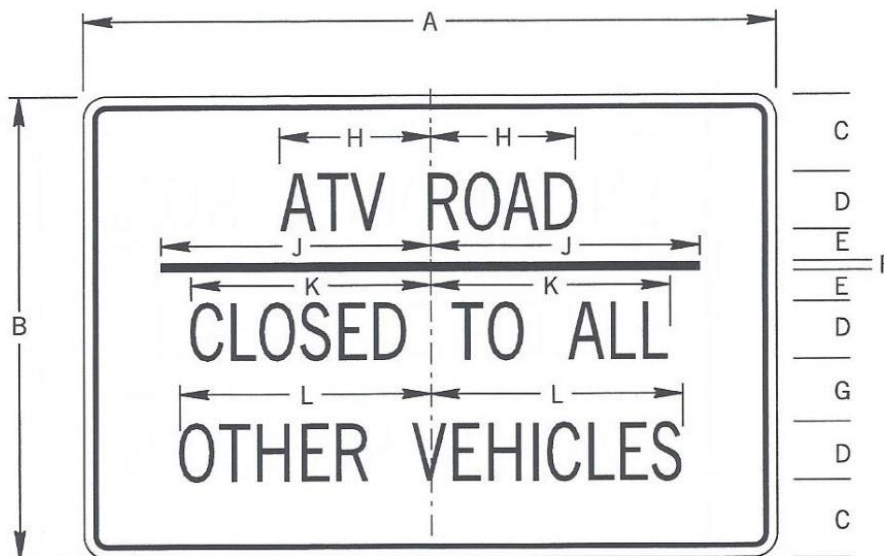
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-11-1

ATV ROAD - CLOSED TO ALL OTHER VEHICLES SIGN

(a) Justification. The ATV Road - Closed To All Other Vehicles Sign (R11-11-1) may be used when a street or highway has been closed to all vehicular traffic other than ATVs and designated as an ATV road by the governmental agency having jurisdiction over the street or road.

(b) Placement. The R11-11-1 sign should be mounted on a Type III, red and white reflectorized barricade in the center of the roadway, or if the pavement width does not permit, at the right side of the roadway.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 600 (36" x 24")	100 (4)	75C (3C)	40 (1.6)	12 (0.5)	83 (3.3)	216 (8.5)	360 (14.4)	355 (14.0)	364 (14.4)	10 (0.4)	10 (0.4)	B5-900600 (B5-3624)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

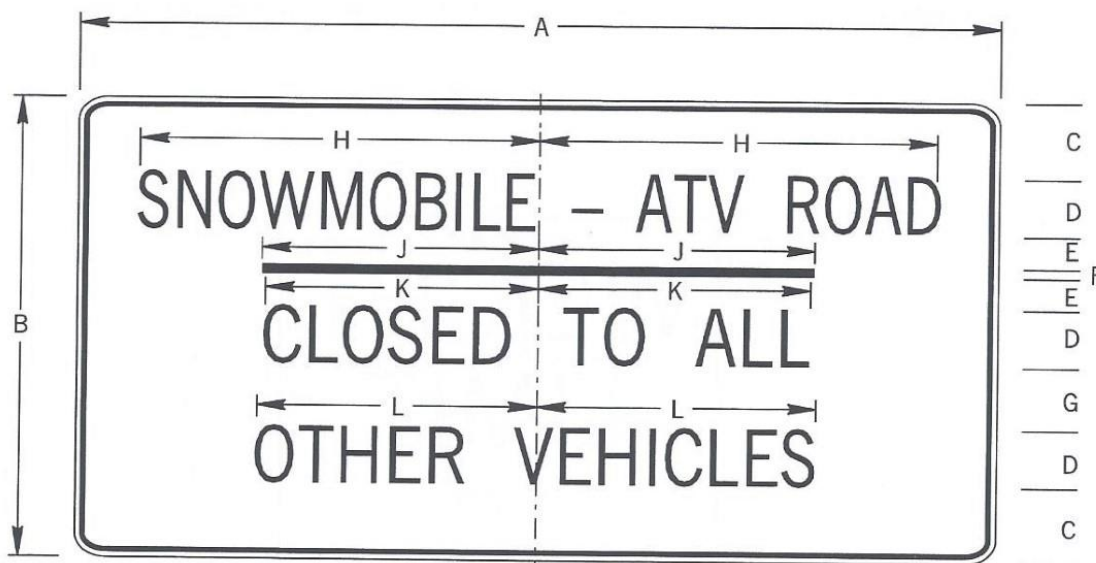
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R11-11-2

SNOWMOBILE – ATV ROAD /CLOSED TO ALL OTHER VEHICLES SIGN

(a) Justification. The Snowmobile – ATV Road /Closed To All Other Vehicles Sign (R11-11-2) may be used when a street or highway has been closed to all vehicular traffic other than snowmobiles and ATVs and designated as a joint snowmobile-ATV road by the governmental agency having jurisdiction over the street or road.

(b) Placement. The R11-11-2 sign should be mounted on a Type III, red and white reflectorized barricade in the center of the roadway, or if the pavement width does not permit, at the right side of the roadway.



DIMENSIONS – mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	100 (4)	75C (3C)	40 (1.6)	12 (0.5)	83 (3.3)	519 (20.4)	360 (14.4)	355 (14.0)	364 (14.4)	10 (0.4)	10 (0.4)	B5-1200600 (B5-4824)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

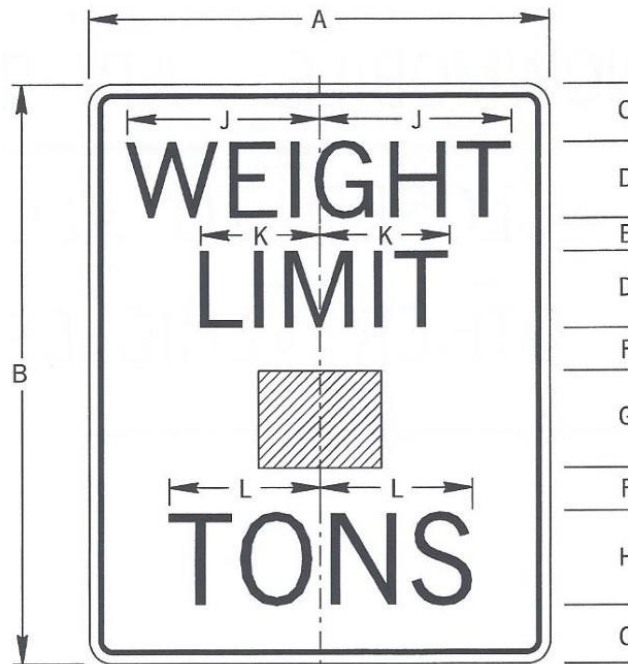
R12-1

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 Sign (R12-1-2) shall be mounted directly above the R12-1 sign.

(b) Placement. The R12-1 sign shall be located within 7.6 m (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 7.6 m (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 600 mm by 750 mm (24" x 30").



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	75 (3)	100D (4D)	42 (1.6)	54 (2.2)	125E (5E)	125D (5D)	235 (9.3)	160 (6.3)	210 (8.3)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	120 (4.8)	150D (6D)	70 (2.8)	95 (3.8)	200E (8E)	200D (8D)	352 (14)	240 (9.6)	338 (13.3)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R12-1A

BRIDGE LIMITED TO ONE TRUCK SIGN

(a) Justification. The Bridge Limited To One Truck Sign (R12-1A) 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 5.5 m (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 60 m (200') unless a traffic study determines that the 60 m (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 R12-1A sign should be placed in advance of all approaches to the applicable bridge. The R12-1A sign may be erected alone or it may be erected beneath the Bridge Weight Limit (____) Tons Sign (R12-1 and R12-1-2) and the Except Combinations (____) Tons Sign (R12-5A).



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
900 x 750 (36" x 30")	108 (4.3)	125F (5F)	80 (3.2)	125C (5C)	107 (4.3)	383 (15.3)	378 (14.9)	390 (15.4)	10 (0.4)	15 (0.6)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

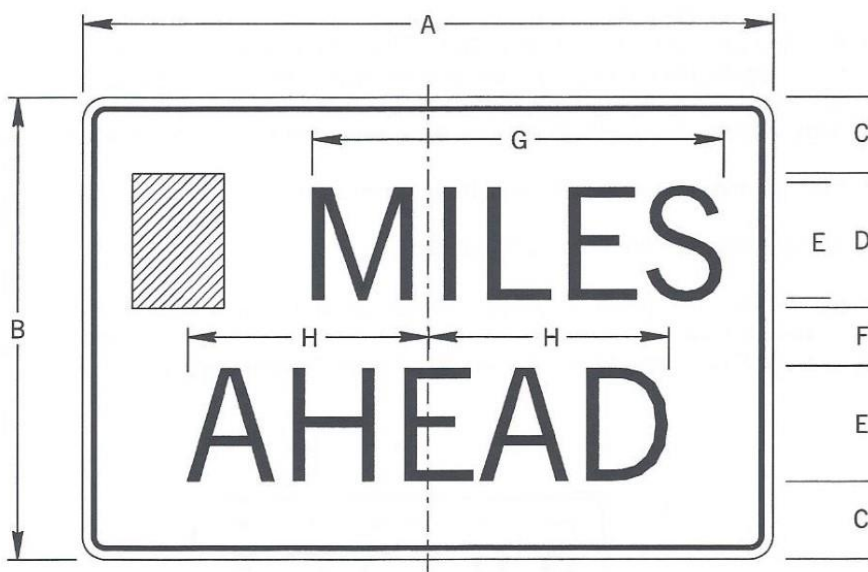
R12-1-1

() MILES AHEAD SIGN

The () Miles Ahead Sign (R12-1-1) may be used below the Weight Limit Sign (R12-1) when the sign is used as an advance warning of a weight limitation. As an advance warning of a bridge limitation, it shall be used in conjunction with the Bridge Sign (R12-1-2). When the distance to the restriction is 1 mile or less, the distance shall be rounded to 1 MILE, 3/4 MILE or 1/2 MILE, except when the distance to the restriction is less than 1/2 mile, the distance shall be rounded to the nearest multiple of 500 FT.

When used, the R12-1-1 sign shall be placed at the intersection nearest each end of the restricted bridge or section of highway which would allow drivers an opportunity to avoid the restriction.

The width of the R12-1-1 sign shall be the same as the width of the sign to which it is appended.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	75 (3)	125* (5*)	100D (4D)	75 (3)	372 (14.7)	222 (8.7)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
900 x 600 (36" x 24")	100 (4)	175* (7*)	150D (6D)	75 (3)	558 (22.1)	332 (13)	15 (0.6)	20 (0.8)	B5-900600 (B5-3624)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

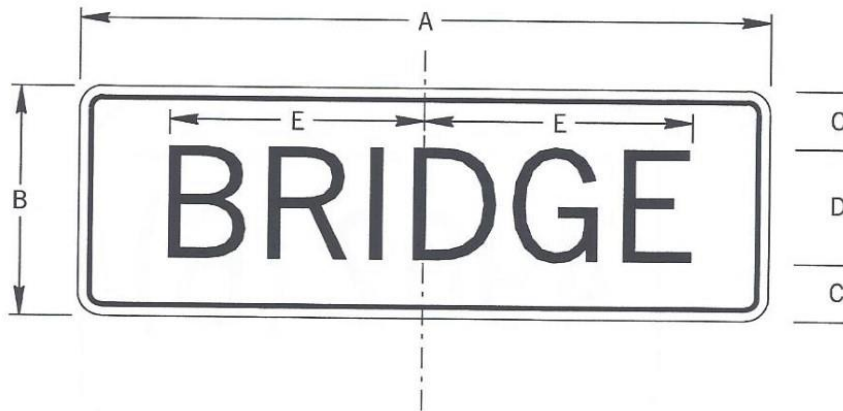
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R12-1-2

BRIDGE SIGN

(a) Justification. The Bridge Sign (R12-1-2) 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 Mile Sign (R12-1-1).

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



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.	
600 x 300 (24" x 12")	100 (4)	100D (4D)	233 (9.1)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)	
900 x 300 (36" x 12")	75 (3)	150D (6D)	349 (13.8)	15 (0.6)	20 (0.8)	B5-900300 (B5-3612)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

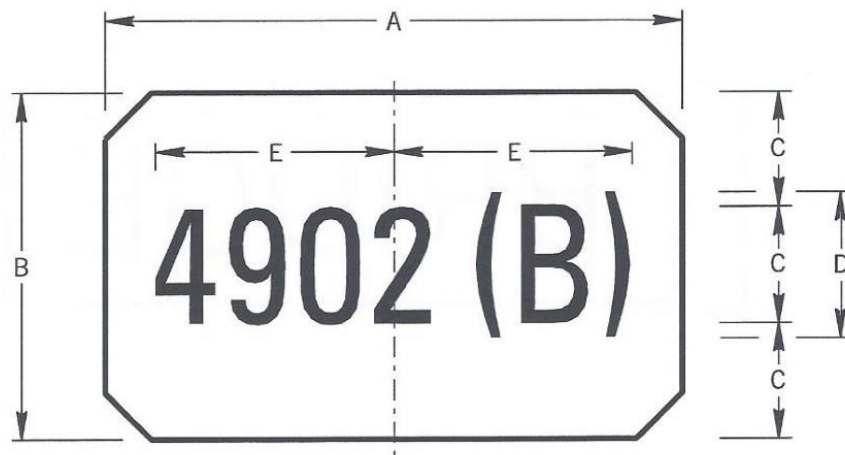
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R12-1-3

WEIGHT LIMIT FOR SAFETY PLAQUE

(a) Justification. The Weight Limit For Safety Plaque (R12-1-3) shall be authorized for use to supplement a Weight Limit (____) Tons Sign (R12-1), an Except Combinations (____) Tons Sign (R12-5A), 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 rather than for a structural deficiency of the bridge or roadway. The R12-1-3 plaque should not be used when the (____) Miles Ahead Sign (R12-1-1) is used.

(b) Placement. When used, the R12-1-3 plaque shall be placed beneath the R5-2, R12-1, or R12-5A sign.



DIMENSIONS - mm (IN)				
SIGN SIZE A x B	C	D	E	BLANK STD.
250 x 150 (10" x 6")	50C (2C)	56 (2.2)	113 (4.5)	_____

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

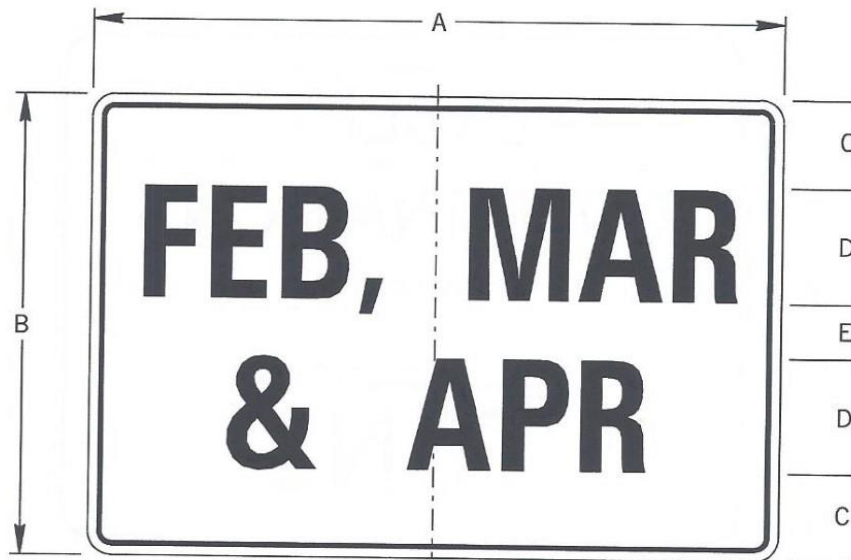
R12-1-4

SEASONAL WEIGHT LIMIT SIGN

(a) Justification. The Seasonal Weight Limit Sign (R12-1-4) 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 R12-1-4 sign should be installed beneath the Weight Limit (____) Tons Sign (R12-1) and any other plaques.

(c) Size. The width of the R12-1-4 sign should be the same as the width of the R12-1 sign.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.	
600 x 450 (24" x 18")	95 (3.8)	100* (4*)	60 (2.4)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)	
900 x 600 (36" x 24")	115 (4.6)	150* (6*)	70 (2.8)	15 (0.6)	20 (0.8)	B5-900600 (B5-3624)	

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

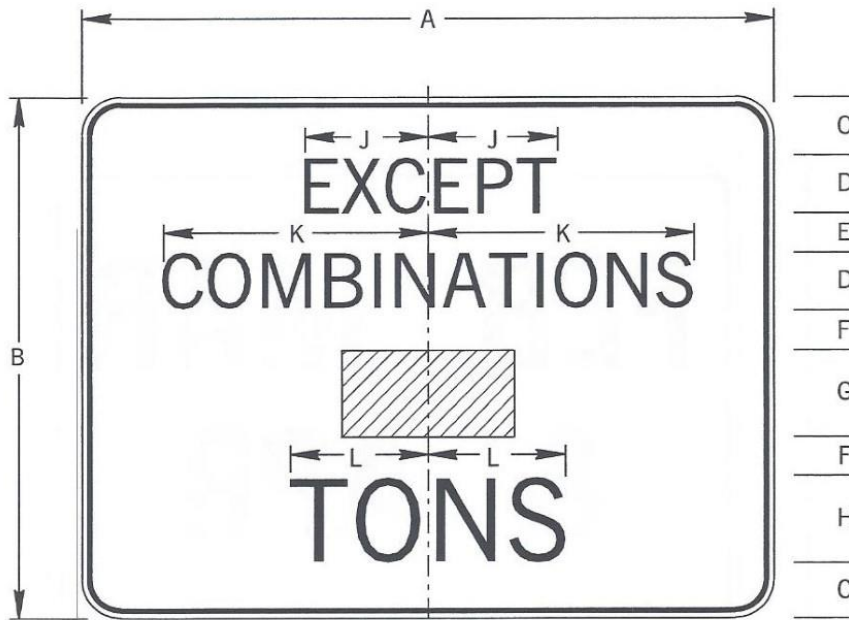
R12-5A

EXCEPT COMBINATIONS () TONS SIGN

(a) Justification. The Except Combinations () Tons Sign (R12-5A) 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 R12-5A sign shall be placed beneath the Weight Limit () Tons Sign (R12-1).

(c) Size. The R12-5A sign shall be the same width as the R12-1 sign it supplements.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	50 (2)	50D (2D)	30 (1.2)	35 (1.4)	75E (3E)	75D (3D)	122 (4.8)	243 (9.6)	126 (5)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
900 x 600 (36" x 24")	60 (2.4)	75D (3D)	40 (1.6)	45 (1.8)	100E (4E)	100D (4D)	182 (7.1)	364 (14.4)	168 (6.7)	15 (0.6)	20 (0.8)	B5-900600 (B5-3624)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R12-6

102-INCH WIDE TRAILER ADVANCE PROHIBITED SIGN

The R12-6 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 R12-6A 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 two-lane, two-way roadways 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 R12-6 sign may need to be altered.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 900 (24" x 36")	47 (1.9)	75C (3C)	56 (2.2)	241 (9.5)	236 (9.3)	266* (10.5)	257 (10.2)	VAR.	VAR.	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)
900 x 1200 (36" x 48")	62 (2.5)	100C (4C)	76 (3)	321 (12.7)	314 (12.4)	395 (15.5)	392 (15.4)	VAR.	VAR.	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1500 x 1800 (60" x 72")	94 (3.8)	150D (6D)	112 (4.4)	572 (22.6)	542 (21.4)	688 (27.1)	670 (26.4)	VAR.	VAR.	20 (0.8)	30 (1.2)	B5-18001500 (B5-7260)

* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 06-30-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

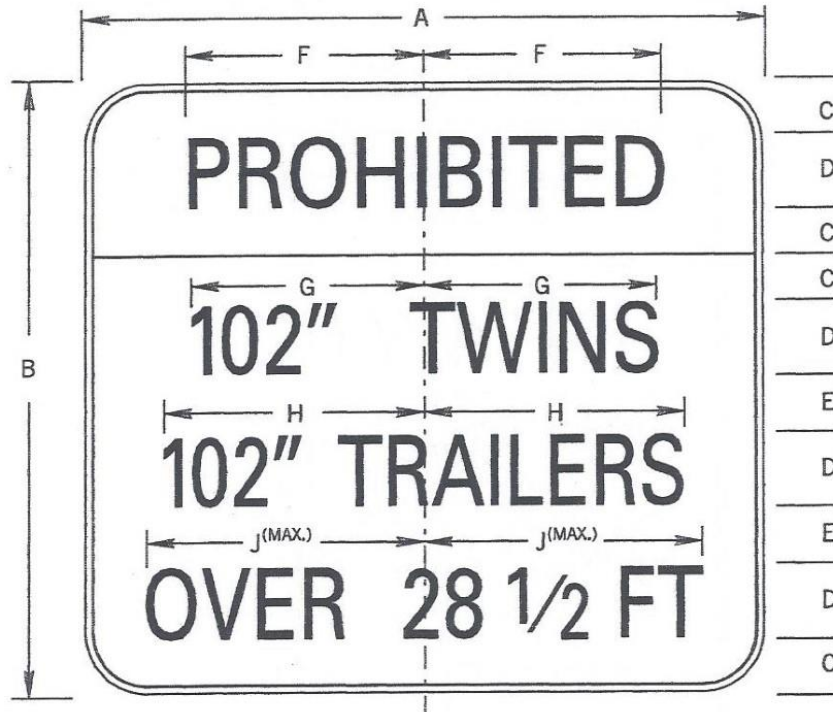
R12-6A

102-INCH WIDE TRAILER PROHIBITED SIGN

The R12-6A 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 two-lane, two-way roadways 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 - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	47 (1.9)	75C (3C)	56 (2.2)	241 (9.5)	236 (9.3)	266* (10.5)	257 (10.2)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
900 x 900 (36" x 36")	77 (3.1)	100C (4C)	96 (3.8)	321 (12.7)	314 (12.4)	395 (15.5)	392 (15.4)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1500 x 1200 (60" x 48")	88 (3.5)	150D (6D)	124 (5)	572 (22.6)	542 (21.4)	688 (27.1)	670 (26.4)	20 (0.8)	30 (1.2)	B5-15001200 (B5-6048)

* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

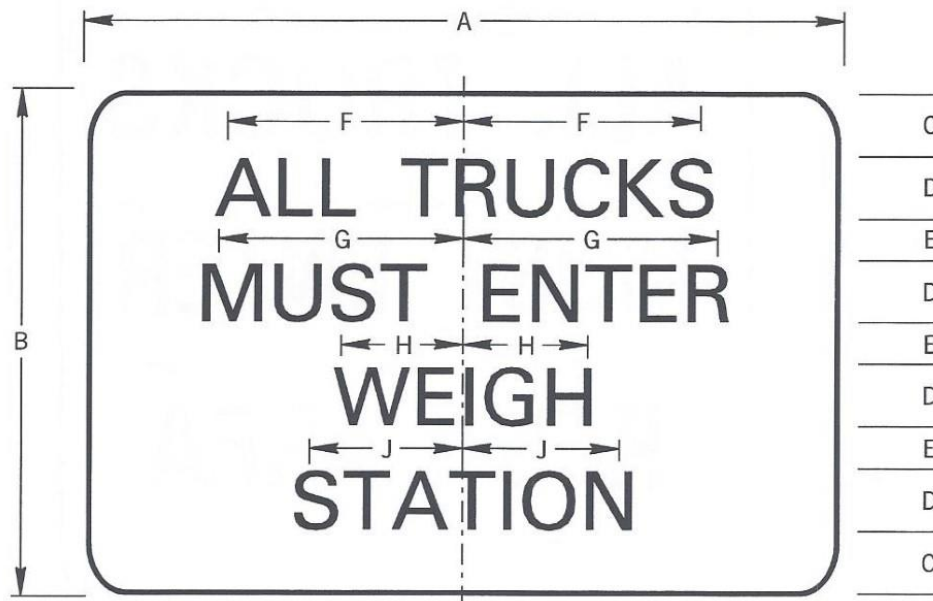
By : Alan C. Rowe Date : 06-30-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R13-1-1

ALL TRUCKS MUST ENTER WEIGH STATION SIGN

(a) Justification. The All Trucks Must Enter Weigh Station Sign (R13-1-1) is authorized for use in advance of a weigh station to inform the operators of the trucks 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 3000 mm by 2100 mm (120" x 84") on freeways, 2400 mm by 1650 mm (96" x 66") on expressways, and 1800 mm by 1200 mm (72" x 48") on all other highways. The 1800 mm by 1200 mm (72" x 48") size may, however, be used on any type roadway for mobile or semi-permanent weighing operations.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.	
1800 x 1200 (72" x 48")	150 (6)	150E (6E)	100 (4)	742 (29.3)	730 (28.9)	341 (13.5)	466 (18.4)	25 (1)	_____	
2400 x 1650 (96" x 66")	200 (8)	200E (8E)	150 (6)	989 (39)	973 (38.3)	455 (17.9)	622 (24.5)	35 (1.4)	_____	
3000 x 2100 (120" x 84")	250 (10)	250E (10E)	200 (8)	1234 (48.8)	1214 (48)	568 (22.4)	777 (30.7)	45 (1.8)	_____	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

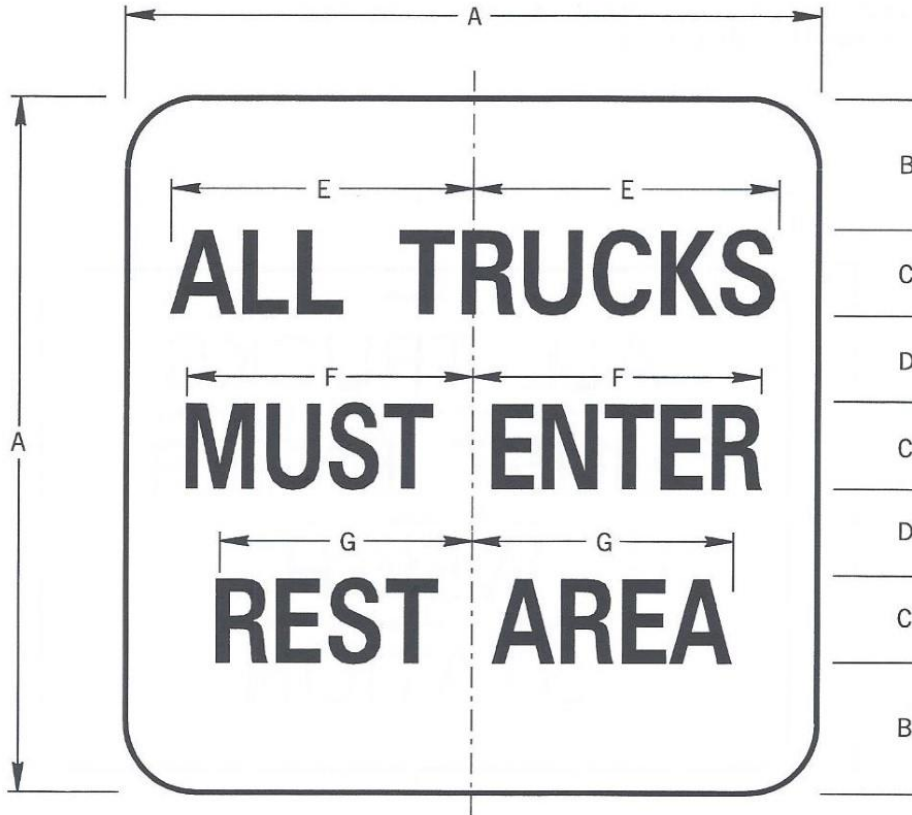
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R13-2

ALL TRUCKS MUST ENTER REST AREA SIGN

The All Trucks Must Enter Rest Area Sign (R13-2) may be used in advance of a weigh station in a rest area to inform the truck drivers that they must enter the rest area. When the weigh station is not in operation, this sign shall be covered, folded or removed. The R13-2 sign shall be erected following the Advance Weigh Station Sign (D8-1) and prior to the rest area entrance.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	225 (9)	150C (6C)	150 (6)	521 (20.6)	520 (20.5)	488 (19.3)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

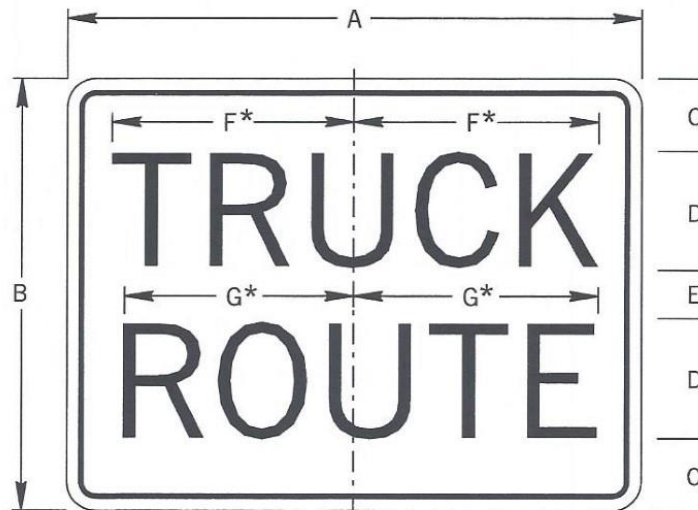
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (M4-4) will be applicable.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.	
600 x 450 (24" x 18")	75 (3)	125D (5D)	50 (2)	253 (10)	248 (9.7)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)	

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

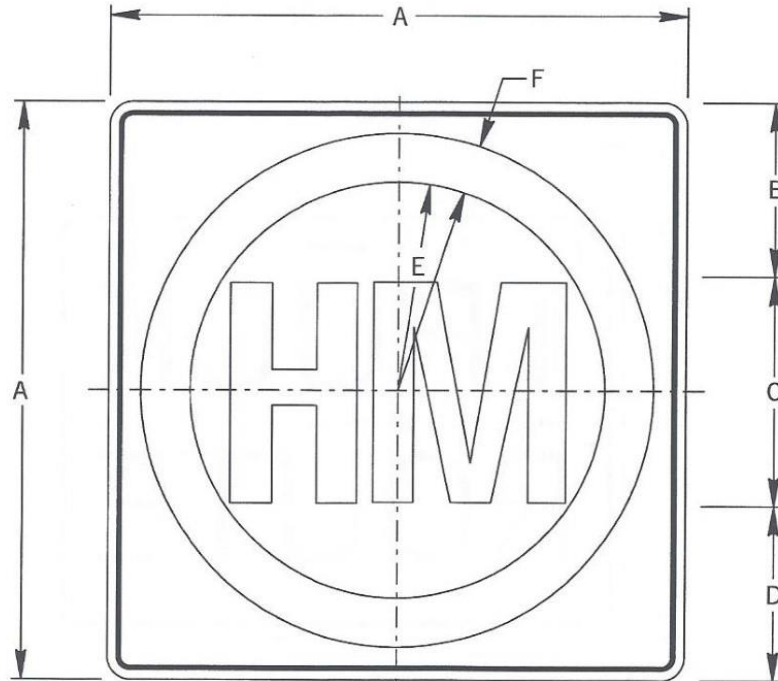
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-2

HAZARDOUS MATERIAL ROUTE SIGN

The Hazardous Material Route Sign (R14-2) may be used to mark highways which have been designated by the authorities having jurisdiction over the highway for vehicles transporting hazardous materials and where an exclusion for such vehicles has been imposed on alternate highways.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	175 (7)	250C (10C)	175 (7)	215 (8.6)	265 (10.6)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	225 (9)	300C (12C)	225 (9)	265 (10.6)	330 (13.2)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	263 (10.5)	375C (15C)	262 (10.5)	320 (12.8)	395 (15.8)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	350 (14")	500C (20C)	350 (14")	425 (17)	525 (21)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

RING:
GREEN (REFLECTORIZED)

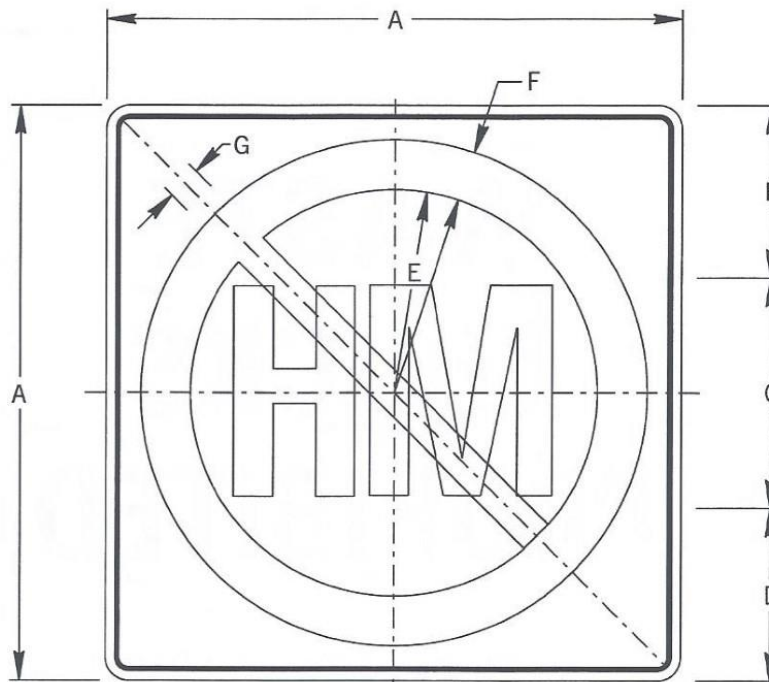
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-3

HAZARDOUS MATERIAL PROHIBITED SIGN

The Hazardous Material Prohibition Sign (R14-3) may be used to mark highways where the transportation of hazardous materials on the highway is prohibited by the authorities having jurisdiction over the highway. The sign should be installed on a street or highway at a point where vehicles transporting hazardous materials have the opportunity to take an alternate route.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	175 (7)	250C (10C)	175 (7)	215 (8.6)	265 (10.6)	40 (1.6)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	225 (9)	300C (12C)	225 (9)	265 (10.6)	330 (13.2)	45 (1.8)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	263 (10.5)	375C (15C)	262 (10.5)	320 (12.8)	395 (15.8)	55 (2.2)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	350 (14")	500C (20C)	350 (14")	425 (17)	525 (21)	75 (3)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

RING AND SLASH:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-6

WASTE TRUCKS PROHIBITED SIGN

The Waste Trucks Prohibited Sign (R14-6) may be placed along certain highways where municipal ordinances regulate the routes of travel for the transport of ashes, garbage, rubbish or other refuse material in motor vehicles. Signs may only be placed on routes which are designated by municipal ordinance. Also, signs may only be placed if another acceptable alternate roadway is available within the municipality.



DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	90 (3.6)	125C (5C)	65 (2.6)	50 (2)	100C (4C)	222 (8.8)	265 (10.4)	402 (15.8)	300 (12)	227 (9)	10 (0.4)	15 (0.6)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-9

BRAKE RETARDERS PROHIBITED SIGN

The Brake Retarders Prohibited Sign (R14-9) may be used to restrict the use of engine retarding brakes on trucks. This sign shall only be erected when the Department has authorized the enactment of a municipal ordinance prohibiting the use of brake retarders (as defined in 67 Pa Code §179.10(20)).

The word "MUNICIPAL" may be replaced with "CITY", "BOROUGH" or "TOWNSHIP" as appropriate, or the name of the municipality, or the lower portion of the sign can state whatever the actual restriction is. The size of the sign may be increased as necessary to accommodate the legend.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L
750 x 900 (30" x 36")	57 (2.3)	100B (4B)	52 (2.1)	38 (1.5)	75D (3D)	144 (5.7)	252 (9.8)	259 (10.2)	279 (11)

DIMENSIONS - mm (IN)							
SIGN SIZE A x B	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	159 (6.3)	265 (10.4)	153 (6)	10 (0.4)	10 (0.4)	15 (0.6)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-9A

END BRAKE RETARDER PROHIBITION SIGN

The End Brake Retarder Prohibition Sign (R14-9A) may be used in conjunction with the Brake Retarders Prohibited Sign (R14-9) to indicate the point where the restriction no longer applies, when the restriction does not end at a municipal boundary.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 750 (36" x 30")	125 (5)	100C (4C)	100 (4)	328 (13)	280 (10.9)	348 (13.6)	15 (0.6)	15 (0.6)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

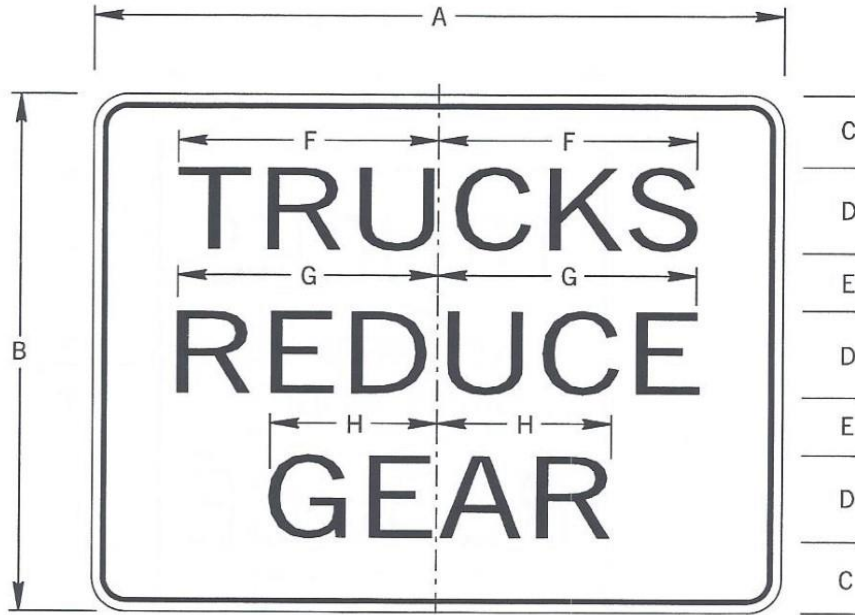
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-10

TRUCKS REDUCE GEAR SIGN

(a) Justification. The Trucks Reduce Gear Sign (R14-10) shall be authorized for use on those downgrades where commercial motor vehicles or truck tractors and trailers or semi-trailers shall be required to use a reduced gear before descending the downgrade.

(b) Placement. The R14-10 sign shall be placed so that any truck passing it will have time to slow down and reduce gear before entering the downgrade.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	125 (5)	150F (6F)	100 (4)	508 (20.1)	500 (19.7)	336 (13.3)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

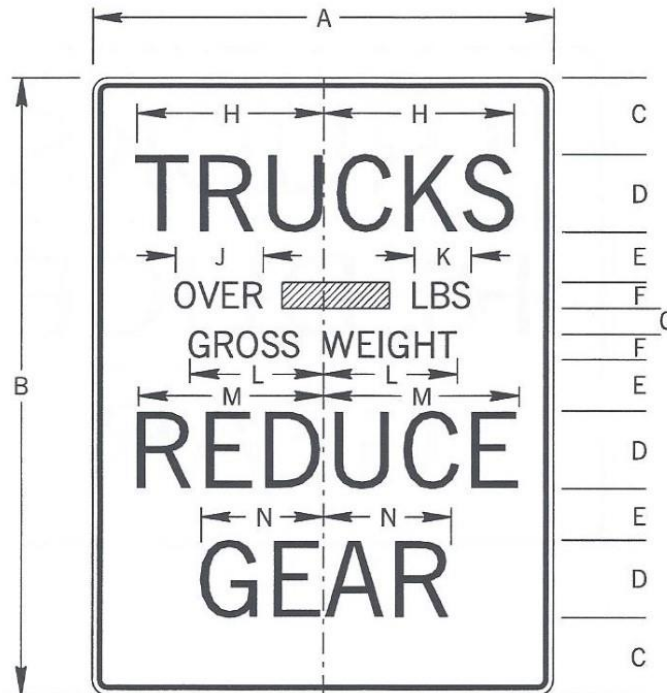
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-11

TRUCKS OVER () LBS. GROSS WEIGHT REDUCE GEAR SIGN

(a) Justification. The Trucks Over () Lbs. Gross Weight Reduce Gear Sign (R14-11) shall be authorized for use on those grades where certain classes of commercial vehicles or truck tractors and trailers or semi-trailers shall be required by this sign to use a reduced gear.

(b) Placement. The R14-11 sign shall be placed so that any truck passing it will have time to slow down and reduce gear before entering the downgrade. This sign may be placed above the Trucks Over () Lbs. Speed Sign (R2-2-1).



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	150 (6)	150D (6D)	100 (4)	50D (2D)	50 (2)	381 (15)	167 (6.7)	118 (4.7)	249 (9.8)	379 (15)	254 (10)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-12

REDUCED GEAR ZONE SIGN

(a) Justification. The Reduced Gear Zone Sign (R14-12) shall be authorized for use within the limits of a reduced gear zone in conjunction with the Trucks Over (___) Lbs Gross Weight Reduce Gear Sign (R14-11).

(b) Placement. The R14-12 sign may be erected alone, or in a series with other signs, and shall be placed at reasonable intervals.

(c) Size. The standard size of the R14-12 sign shall be 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125 (5)	100D (4D)	100 (4)	297 (11.7)	170 (6.7)	168 (6.6)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	188 (7.5)	175D (7D)	150 (6)	521 (20.6)	297 (11.7)	295 (11.6)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-12-1

STAY IN REDUCED GEAR SIGN

(a) Justification. The Stay In Reduced Gear Sign (R14-12-1) shall be authorized for use on those grades where a reduced gear zone is necessary for safety reasons.

(b) Placement. The R14-12-1 sign may be erected alone or it may be erected beneath the Trucks Over () Lbs. Speed Sign (R2-2-1).

(c) Size. When used beneath the R2-2-1 sign, the R14-12-1 sign shall have the same width as the R2-2-1 sign which it supplements.



DIMENSIONS – mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	113 (4.5)	125C (5C)	75 (3)	112 (4.5)	272 (10.7)	275 (10.8)	173 (6.8)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	113 (4.5)	175C (7C)	75 (3)	112 (4.5)	379 (14.9)	383 (15.1)	241 (9.5)	15 (0.6)	25 (1)	B3-900 (B3-36)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-13

END REDUCED GEAR ZONE SIGN

(a) Justification. The End Reduced Gear Zone Sign (R14-13) shall be authorized for use to mark the ending of a reduced gear zone.

(b) Placement. The R14-13 sign shall be placed at the end of all zones which have a Trucks Over (____) Lbs. Gross Weight Reduce Gear Sign (R14-11) placed at the beginning.

(c) Size. The standard size of the R14-13 sign shall be 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100 (4)	100F (4F)	50 (2)	100E (4E)	161 (6.3)	334* (13.1*)	225 (8.9)	228 (8.9)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	150 (6)	150F (6F)	100 (4)	150E (6E)	239 (9.4)	521 (20.6)	336 (13.3)	339 (13.4)	20 (0.8)	25 (1)	B3-1200 (B3-48)

REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

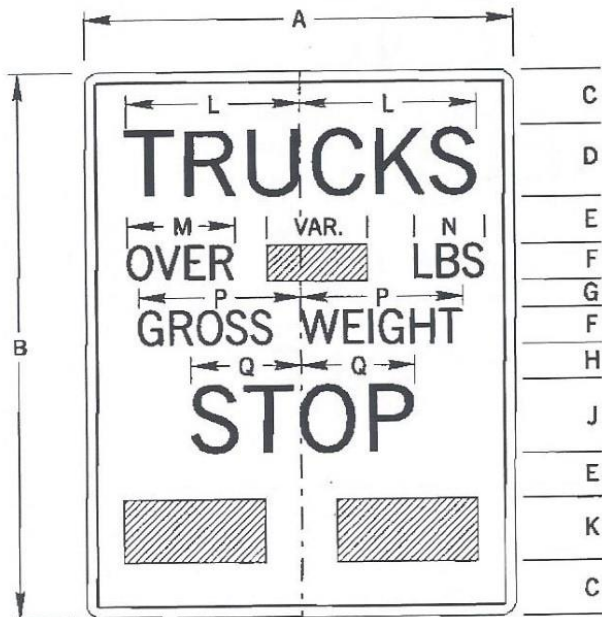
R14-14

TRUCKS OVER () LBS. STOP () FEET SIGN

(a) Justification. The Trucks Over () Lbs. Stop () Feet Sign (R14-14) may be used on those downgrades where certain classes of commercial motor vehicles or truck tractors and trailers or semi-trailers shall be required to stop before descending the downgrade.

(b) Placement. The R14-14 sign shall be placed in advance of the point where said vehicle must stop.

(c) Size. The standard size is 1200 mm by 1500 mm (48" x 60").



DIMENSIONS - mm (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.
1200 x 1500 (48" x 60")	150 (6)	200D (8D)	125 (5)	100C (4C)	75 (3)	100 (4)	200D (8D)	175* (7*)	511 (20.2)	279 (11)	197 (7.8)	426 (16.9)	333 (13.1)	20 (0.8)	25 (1)	B5-15001200 (B5-6048)
1800 x 2400 (72" x 96")	275 (11)	300C (12C)	215 (8.6)	150C (6C)	120 (4.8)	150 (6)	300D (12D)	250* (10*)	636 (25)	418 (16.5)	294 (11.6)	638 (25.2)	498 (19.7)	25 (1)	40 (1.6)	---

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

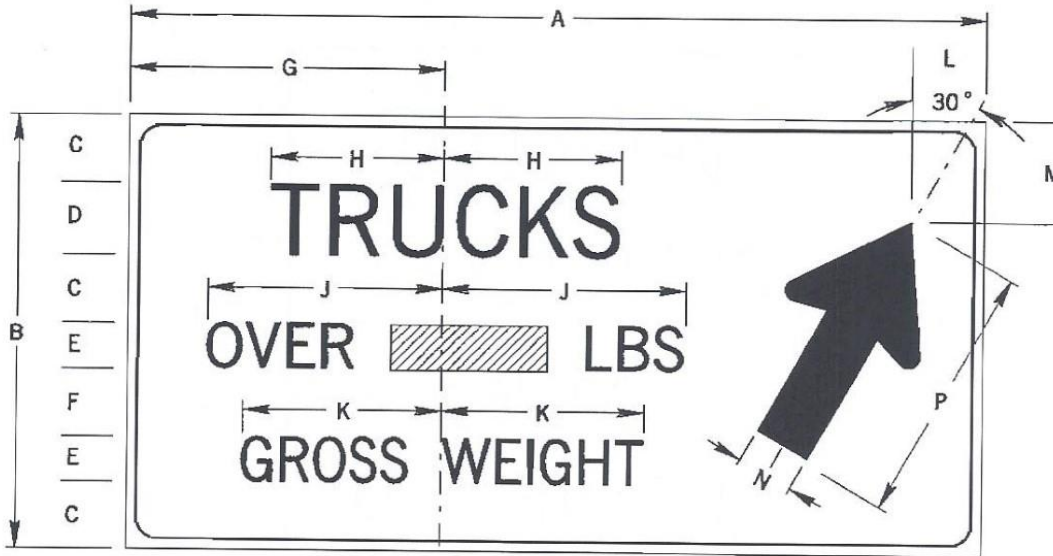
By: *James P. Magliola* Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-15

TRUCKS OVER () LBS. WITH ARROW SIGN

(a) Justification. The Trucks Over () Lbs. With Arrow Sign (R14-15) may be used at the point where certain classes of commercial motor vehicles or truck tractors and trailers or semi-trailers are required to leave the main traveled portion of the highway in conjunction with Trucks Over () Lbs. Stop () Feet Sign (R14-14).

(b) Size. The standard size is 1800 mm by 900 mm (72" x 36").



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	J	K
1800 x 900 (72" x 36")	150 (6)	150D (6D)	100C (4C)	100 (4)	660 (26.4)	381 (15)	500 (20)	426 (16.9)
2400 x 1200 (96" x 48")	200 (8)	200E (8E)	125E (5E)	150 (6)	975 (39)	596 (23.5)	790 (31.6)	718 (28.2)

DIMENSIONS - mm (IN)							
SIGN SIZE A x B	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
1800 x 900 (72" x 36")	205 (8.2)	120 (4.8)	160 (6.4)	710 (28.4)	20 (0.8)	25 (1)	—
2400 x 1200 (96" x 48")	205 (8.2)	280 (11.2)	160 (6.4)	710 (28.4)	25 (1)	35 (1.4)	—

COLOR:

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

BACKGROUND:
WHITE (REFLECTORIZED)

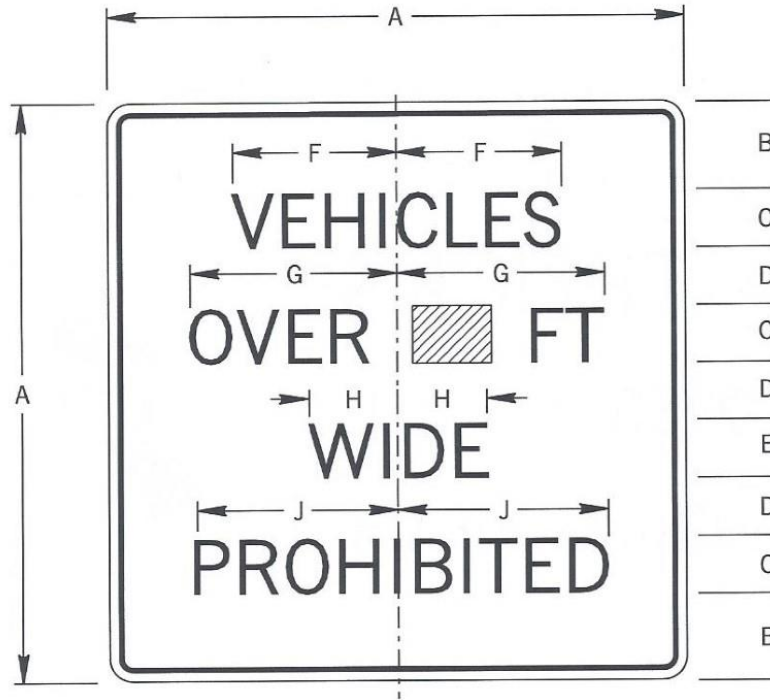
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: *James P. Magliola* Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-16-1

VEHICLES OVER () FT WIDE PROHIBITED SIGN

(a) Justification. The Vehicles Over () Ft Wide Prohibited Sign (R14-16-1) may be used where restricted roadway widths or other conditions will not accommodate vehicles or loads over a certain width. Supplemental plaques such as "BEYOND EXIT —", "BEYOND NEXT EXIT", "BEYOND NEXT INTERSECTION" may be added as necessary.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	225 (9)	150D (6D)	150 (6)	150E (6E)	468 (18.5)	593 (23.5)	265 (10.4)	572 (22.6)	15 (0.6)	25 (1)	B3-1500 (B3-60)
2400 x 2400 (96" x 96")	310 (12.4)	250D (10D)	260 (10.4)	250E (10E)	783 (30.9)	994 (39.1)	441 (17.4)	956 (37.7)	20 (0.8)	30 (1.2)	—

COLOR:

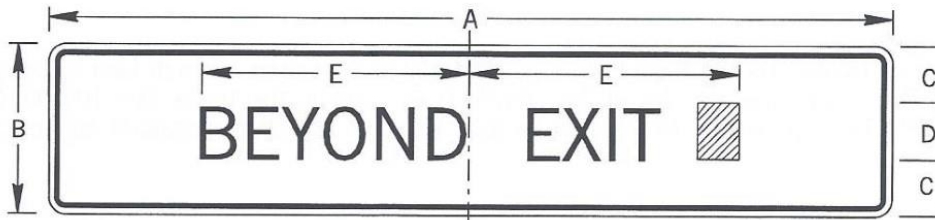
LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

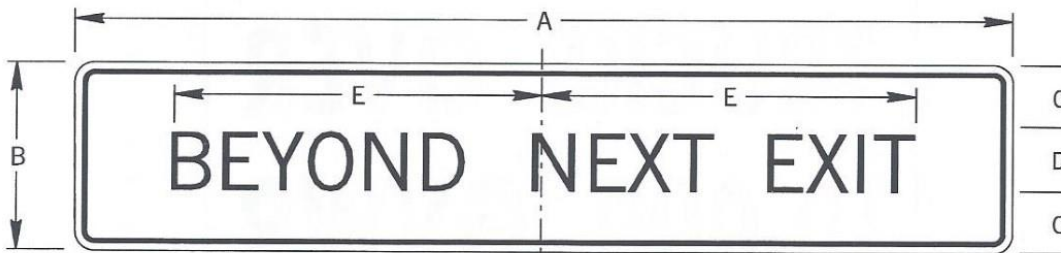
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

PLAQUES FOR OVERWIDTH VEHICLES PROHIBITED SIGN



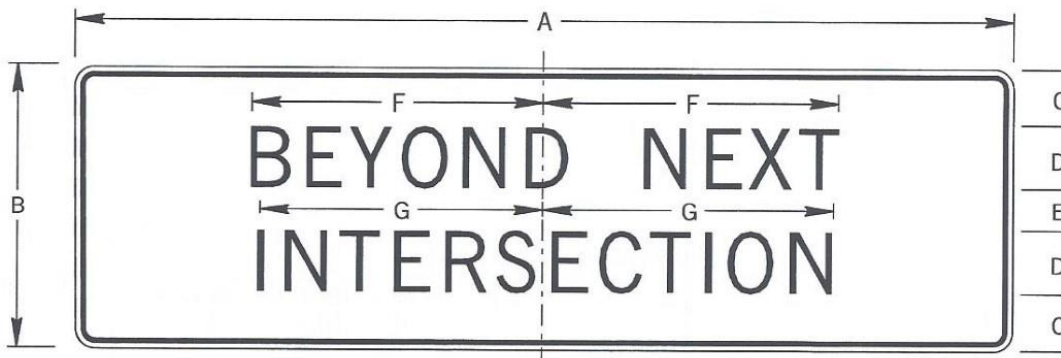
DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
1500 x 300 (60" x 12")	100 (4)	100D (4D)	534 (21.1)	15 (0.6)	15 (0.6)	—
2400 x 600 (96" x 24")	200 (8)	200D (8D)	1068 (42.4)	20 (0.8)	30 (1.2)	—

R14-16(1)



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
1500 x 300 (60" x 12")	100 (4)	100C (4C)	563 (22.3)	15 (0.6)	15 (0.6)	—
2400 x 600 (96" x 24")	200 (8)	200C (8C)	1076 (42.5)	20 (0.8)	30 (1.2)	—

R14-16(2)



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1500 x 450 (60" x 18")	85 (3.4)	100E (4E)	80 (3.2)	548 (21.6)	535 (21)	15 (0.6)	15 (0.6)	—
2400 x 750 (96" x 30")	125 (5)	200E (8E)	100 (4)	1070 (42.2)	1066 (41.9)	20 (0.8)	30 (1.2)	—

R14-16(3)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-17

TRUCKS OVER 10,000 GVWR RIGHT LANE SIGN

The Trucks Over 10,000 GVWR Right Lane Sign (R14-17) shall be used on multi-lane highways at a location following the Truck Inspection Ahead Sign (W25-2) and prior to the Trucks Over 10,000 GVWR Enter Sign (R14-18). The sign should be removed as soon as truck inspection operations are complete.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	125 (5)	150C (6C)	100 (4)	544 (21.5)	571 (22.5)	508 (20)	15 (0.6)	20 (0.8)	—

* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

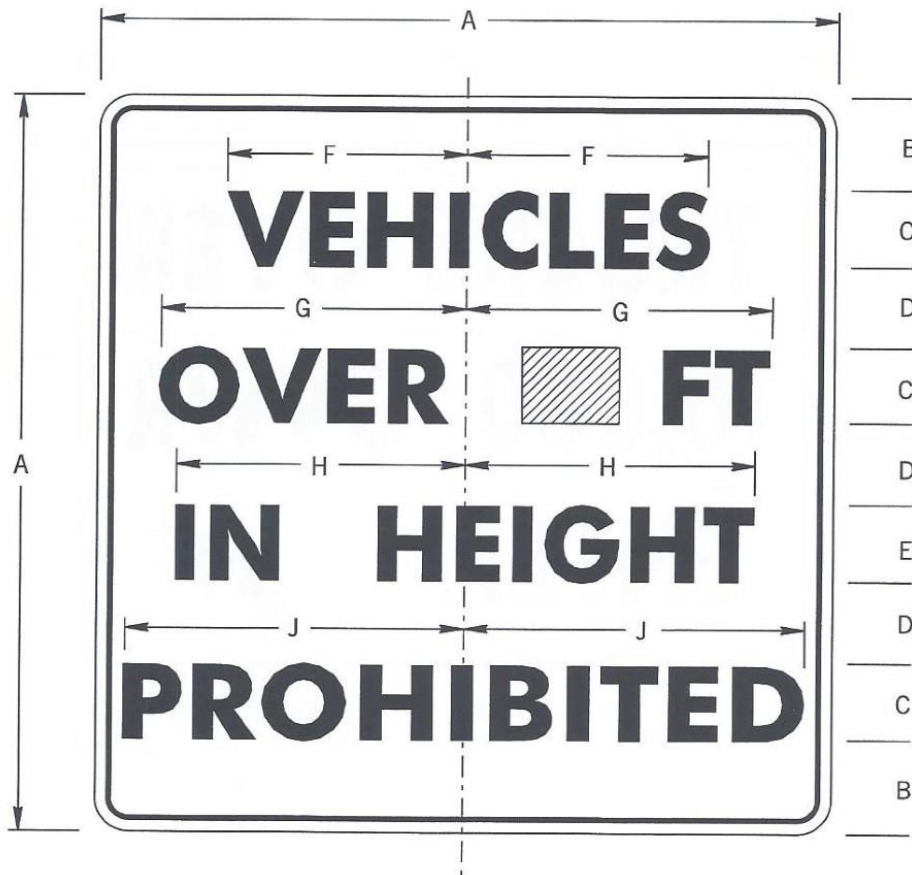
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-17-1

VEHICLES OVER () FEET IN HEIGHT PROHIBITED

The Vehicles Over () Feet In Height Prohibited Sign (R14-17-1) may be used where restricted clearances or other conditions will not accommodate vehicles or loads over a certain height. Supplemental plaques such as "Beyond Exit —", "Beyond Next Exit", or "Beyond Next Intersection" may be added as necessary.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	225 (9)	150D (6D)	150 (6)	150E (6E)	468 (18.5)	593 (23.5)	565 (22.4)	572 (22.6)	15 (0.6)	25 (1)	B3-1500 (B3-60)
2400 x 2400 (96" x 96")	310 (12.4)	250D (10D)	260 (10.4)	250E (10E)	783 (30.9)	994 (39.1)	943 (37.2)	956 (37.7)	20 (0.8)	30 (1.2)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-18

TRUCKS OVER 10,000 GVWR ENTER SIGN

The Trucks Over 10,000 GVWR Enter Sign (R14-18) shall be used to indicate the specific location where trucks are to pull-off the roadway for truck inspection. The sign should be used in conjunction with the Trucks Over 10,000 GVWR Right Lane Sign (R14-17) and/or the Truck Inspection Ahead Sign (W25-2) as appropriate. The sign should be removed as soon as truck inspection operations are complete.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	125 (5)	150C (6C)	100 (4)	544 (21.5)	571 (22.5)	498 (19.6)	260 (10.4)	240 (9.6)	15 (0.6)	20 (0.8)	—

* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

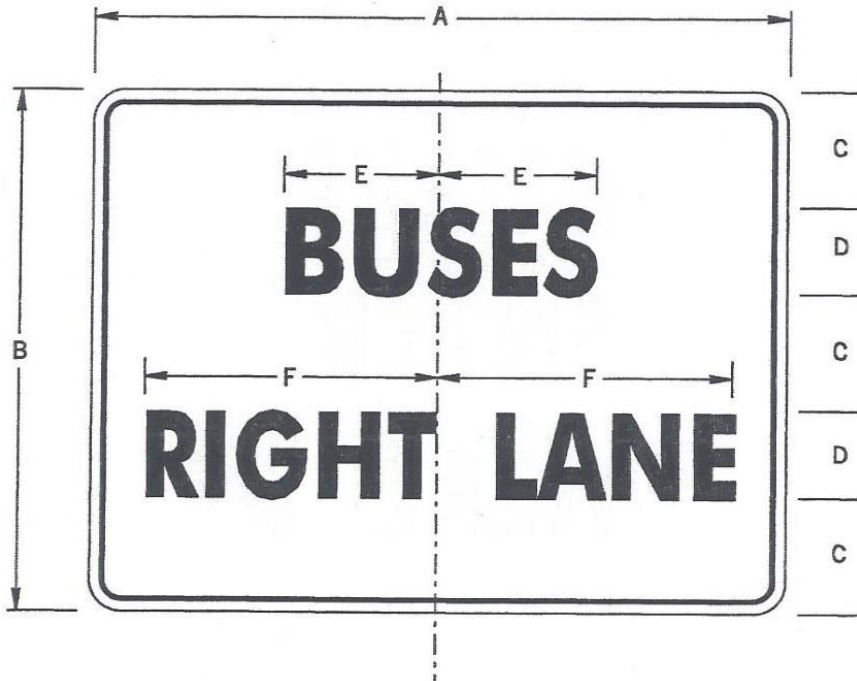
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-19

BUSES RIGHT LANE SIGN

The Buses Right Lane Sign (R14-19) shall be used on multi-lane highways at a location following the Bus Inspection Ahead Sign (W25-3) and prior to the Buses Enter Here Sign (R14-20). The sign should be removed as soon as bus inspection operations are complete.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	200 (8)	150C (6C)	265 (10.4)	508 (20)	15 (0.6)	20 (0.8)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

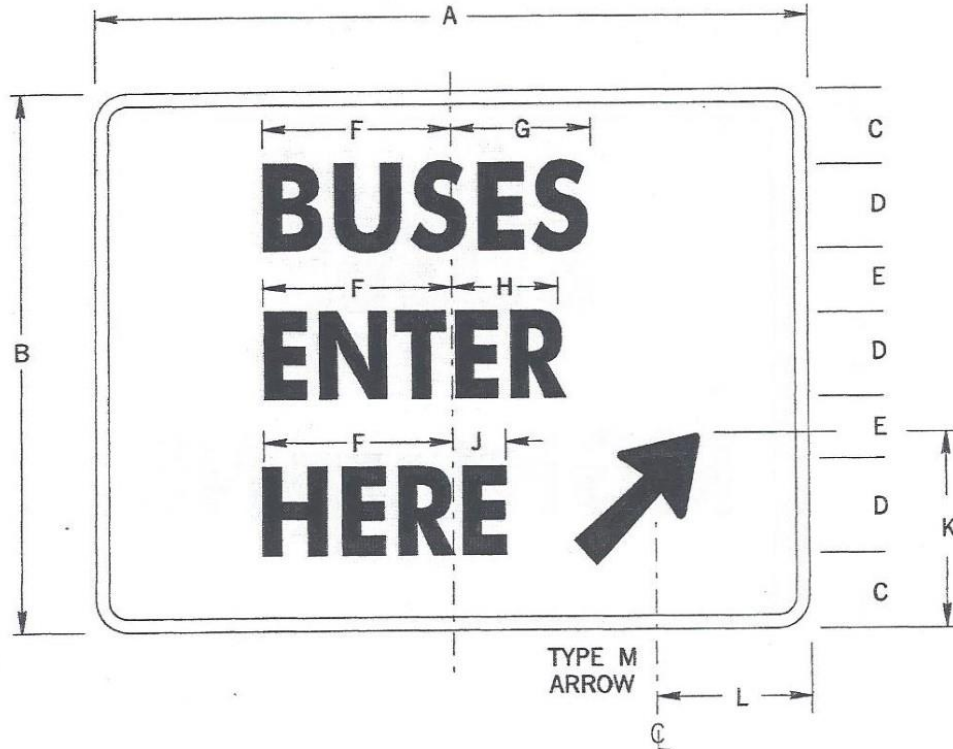
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R14-20

BUSES ENTER HERE SIGN

The Buses Enter Here Sign (R14-20) shall be used to indicate the specific location where Buses are to pull off the roadway for bus inspection. The sign should be used in conjunction with the Buses Right Lane Sign (R14-19) and/or the Bus Inspection Ahead Sign (W25-3). The sign shall be removed as soon as bus inspection operations are complete.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	125 (5)	150C (6C)	100 (4)	320 (12.6)	210 (8.2)	178 (7)	88 (3.4)	325 (13)	256 (10.2)	15 (0.6)	20 (0.8)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

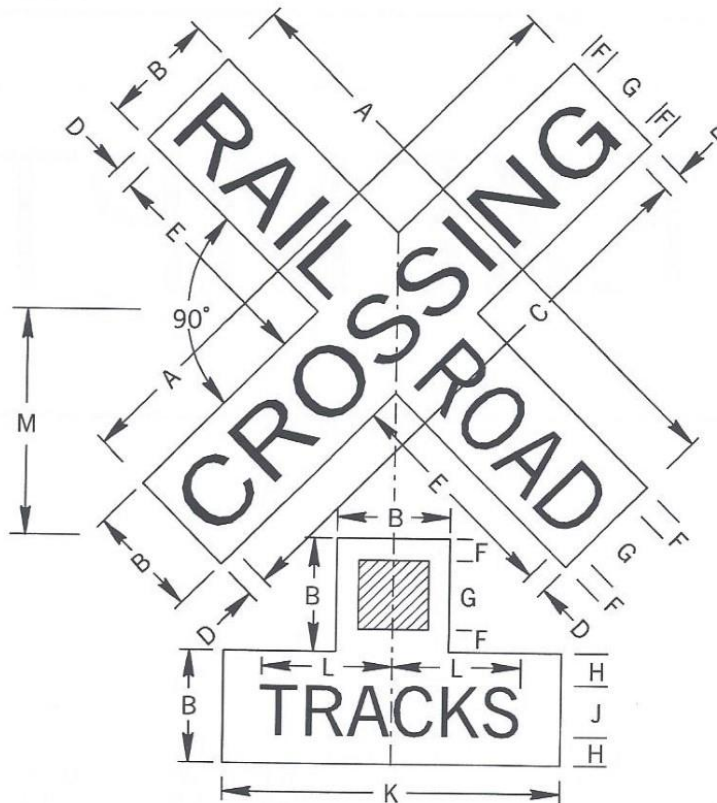
R15-1 & 2

RAILROAD CROSSBUCK AND TRACKS SIGN

(a) Justification. The Railroad 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 50 mm (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 50 mm (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 3.7 m (12') to 4.5 m (15') from the centerline of the nearest track. It shall not be less than 1.8 m (6') or more than 3.6 m (12') from the edge of the pavement, or less than 0.6 m (2') outside a paved shoulder or curb. The Tracks Sign (R15-2) 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 R15-2 signs shall be furnished and installed by the railroad company, typically within the railroad right-of-way.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M
1200 x 225 (48" x 9")	1124 (45)	38 (1.5)	449 (18)	43 (1.7)	140D (5.6D)	63 (2.5)	100D (4D)	675 (27)	258 (10.2)	450 (18)

*COLORS MAY BE REVERSED FOR R15-2

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

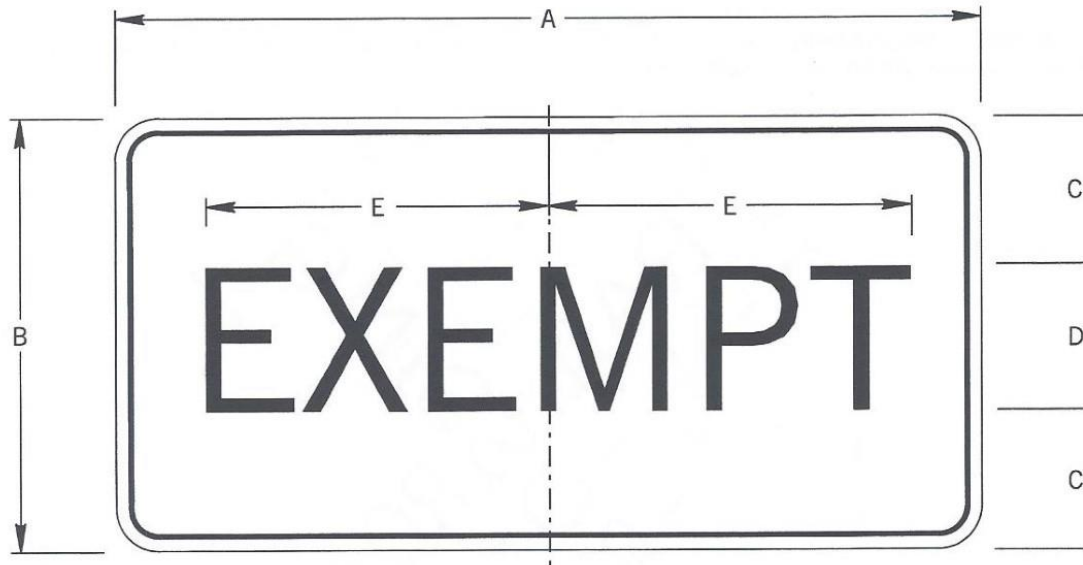
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R15-3

EXEMPT RAILROAD CROSSING SIGN

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

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



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	100 (4)	100D (4D)	250 (9.8)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R15-4

HIGH SPEED TRAINS SIGN

(a) Justification. The High Speed Trains Sign (R15-4) 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 R15-4 sign shall be furnished and installed by the railroad company below the Railroad Crossbuck Sign (R15-1) and /or Tracks Sign (R15-2) on each highway approach to the railroad crossing.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	85 (3.4)	100C (4C)	65 (2.6)	123 (4.8)	173 (6.8)	195 (7.7)	10 (0.4)	15 (0.6)	B3-600 (B3-24)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

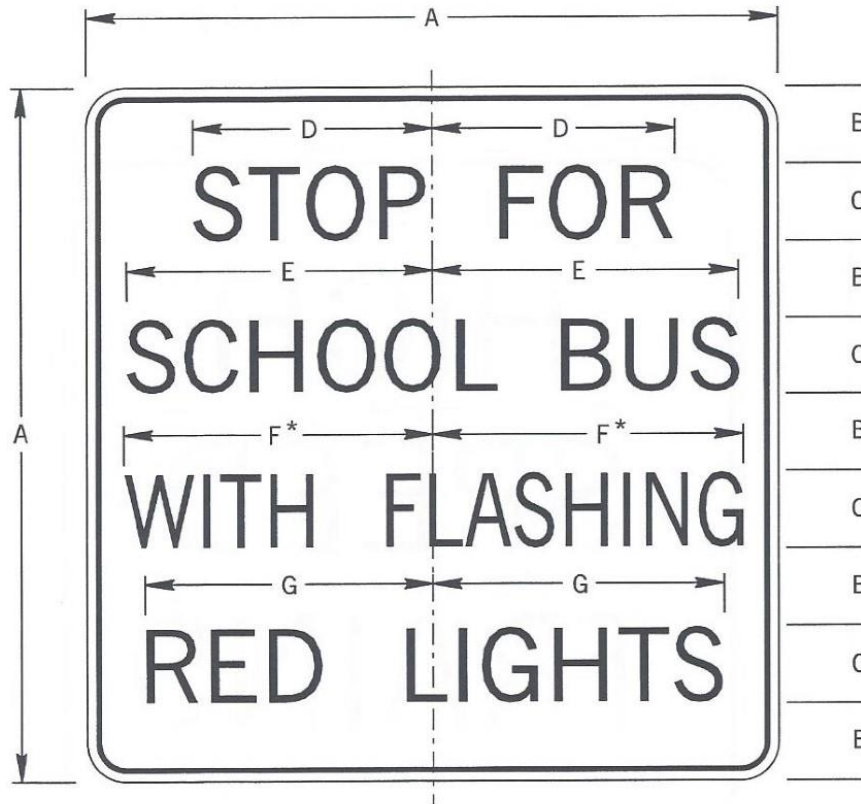
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R16-1

SCHOOL BUS LAW SIGN

(a) Justification. The School Bus Law Sign (R16-1) shall be authorized for use to advise the motorist of the legal requirement to stop for school buses with flashing red signal lights.

(b) Placement. The R16-1 sign may be placed at all major vehicular entrance points into the Commonwealth and at other locations where obedience is unsatisfactory.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	100 (4)	100C (4C)	290 (11.6)	369 (14.6)	406 (16.0)	339 (13.4)	10 (0.4)	15 (0.6)	B3-900 (B3-36)

* SPACING REDUCED 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R16-4

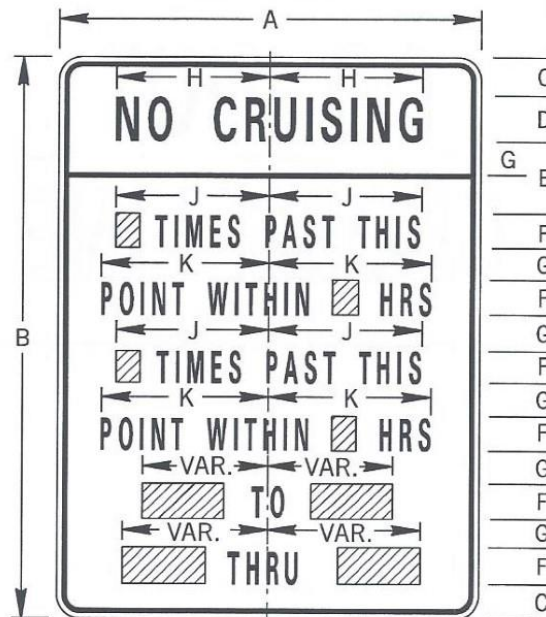
NO CRUISING SIGN

(a) Justification. The No Cruising Sign (R16-4) may be used to indicate that vehicular traffic, other than governmental, public safety, emergency or public transportation traffic, is prohibited by ordinance from traversing past a designated point a specified number of times within a specific time period or periods; commonly referred to as "cruising".

(b) Design. The standard R16-4 sign shall have only the message "NO CRUISING" and whatever regulation may apply; but the sign shall conform with the standards of shape, color and minimum size established here. Generally, a No Cruising Sign (R16-4) should display the following information, as appropriate, from top to bottom on the sign in the following order:

- (1) Restriction, which should be the statement "NO CRUISING".
- (2) The number of times past the point where the sign is installed within a specific number of hours.
- (3) Hours of day applicable, if not all hours.
- (4) Days of week applicable, if not all days.

(c) Placement. The No Cruising Sign shall be placed as indicated in the local ordinance except that a sign shall be erected at the beginning of the restriction on each street or highway where cruising is prohibited and at reasonable intervals within the restriction.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
900 x 1200 (36" x 48")	75 (3)	100C (4C)	150 (6)	75B (3B)	70 (2.8)	359 (14.1)	357 (14.1)	375 (14.8)	10 (0.4)	15 (0.6)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R16-5

WET PAINT SIGN

(a) Justification. The Wet Paint Sign (R16-5) shall be authorized for use by pavement marking crews to inform motorists that pavement markings are wet and that they may not drive over them.

(b) Placement. The R16-5 sign should be placed beyond intersections along the route being marked.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	75 (3)	100B (4B)	50 (2)	44 (1.8)	12 (0.4)	240 (9.5)	163 (6.4)	262 (10.4)	10 (0.4)	15 (0.6)	B3-600 (B3-24)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R16-6

NO FISHING, DIVING OR LOITERING SIGN

(a) Justification. The No Fishing Diving or Loitering Sign (R16-6) may be used at those bridges where fishing, diving, or loitering would be hazardous or would interfere with the flow of traffic. Other messages, such as "NO LOITERING ON BRIDGE" may be used as applicable.

(b) Placement. When used, the R16-6 sign shall be posted facing pedestrian traffic on both approaches to the bridge. On bridges over 150 m (450') in length, additional signs may be used on the bridge at intermediate locations.



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	65 (2.6)	50D (2D)	40 (1.6)	41 (1.6)	127 (5)	172 (6.8)	167 (6.6)	10 (0.4)	10 (0.4)	B3-450 (B3-18)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

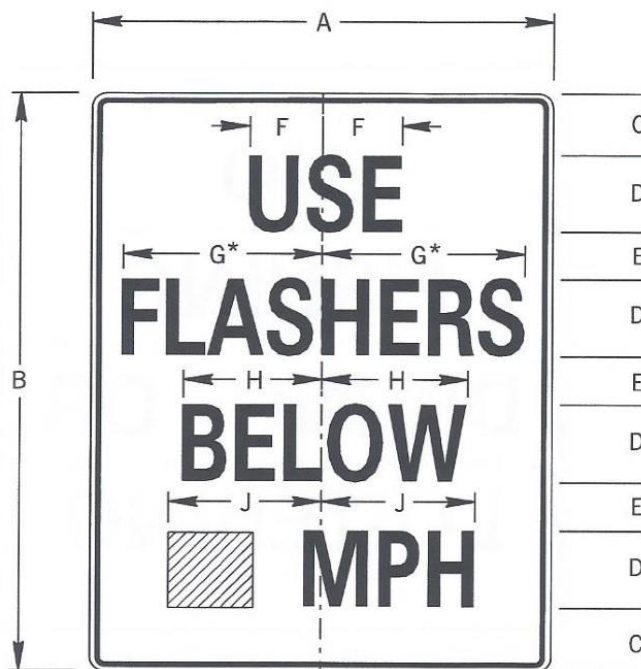
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R16-8

USE FLASHERS BELOW () MPH SIGN

The Use Of Flashers Below () MPH Sign (R16-8) may be used on expressways and freeways at locations where trucks or other traffic may be traveling at a speed below 65 km/h (40 MPH) on sections of roadway posted at 55 MPH or below 80 km/h (50 MPH) on sections of roadway posted at 65 MPH.

When used, the R16-8 sign should be placed at locations where some traffic may frequently be traveling at a speed less than the normal speed of traffic and where potential traffic problems exist.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	164 (6.5)	200C (8C)	124 (5)	205 (8.1)	497 (19.6)	365 (14.4)	458 (18.1)	15 (0.6)	25 (1)	B5-15001200 (B5-6048)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

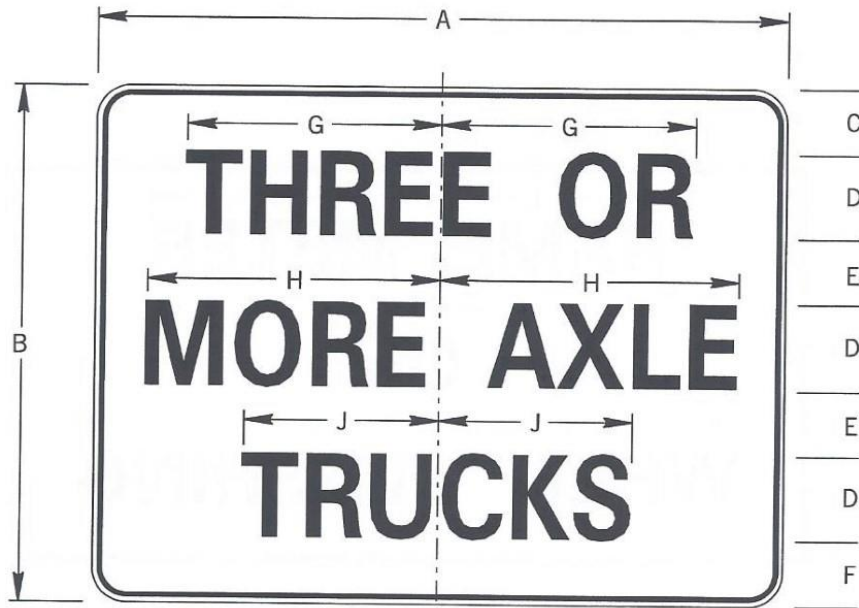
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R20-4

THREE OR MORE AXLE TRUCKS SIGN

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

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



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	58 (2.3)	75C (3C)	55 (2.2)	57 (2.3)	217 (8.6)	252 (9.9)	159 (6.3)	10 (0.4)	10 (0.4)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

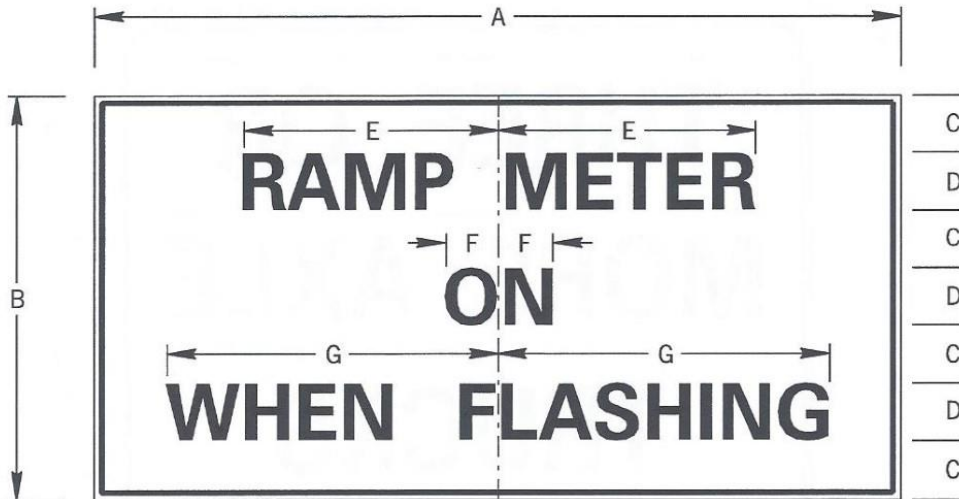
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R21-1

RAMP METER ON WHEN FLASHING SIGN

The Ramp Meter On When Flashing Sign (R21-1) may be used at ramp metering locations to indicate that ramp traffic may be metered. The R21-1 sign shall be used in conjunction with flashing beacons that indicate when ramp meter is activated.

The R21-1 sign shall be fabricated from Type III or IV retroreflective sheeting material.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
2100 x 1050 (84" x 42")	150 (6)	150E (6E)	754 (29.8)	143 (5.7)	947 (37.2)	20 (0.8)	25 (1)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

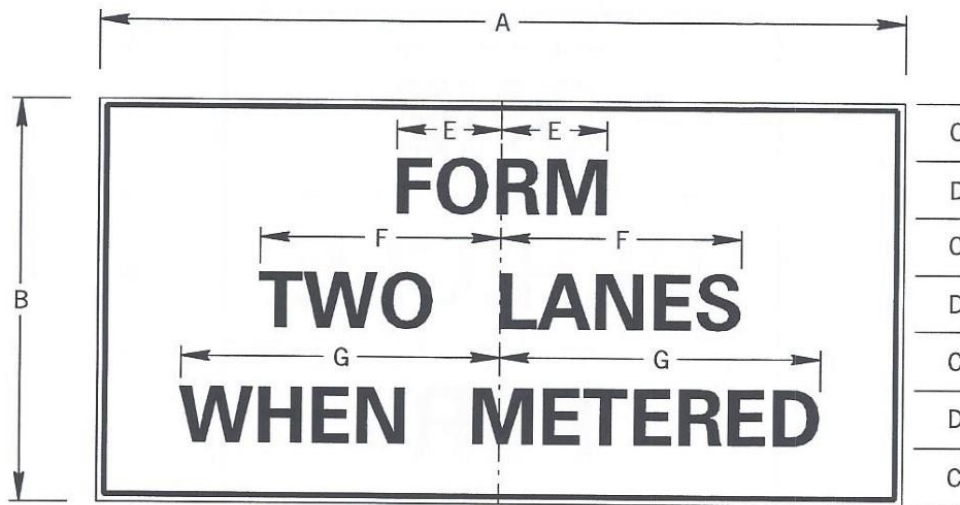
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R21-2

FORM TWO LANES WHEN METERED SIGN

The Form Two Lanes When Metered Sign (R21-2) may be used on entrance ramps that have two lanes provided for ramp metering to advise motorists to use both lanes during the ramp meter period.

The R21-2 sign shall be fabricated from Type III or IV retroreflective sheeting material.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
2100 x 1050 (84" x 42")	150 (6)	150E (6E)	305 (12)	661 (26.1)	896 (35.4)	20 (0.8)	25 (1)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

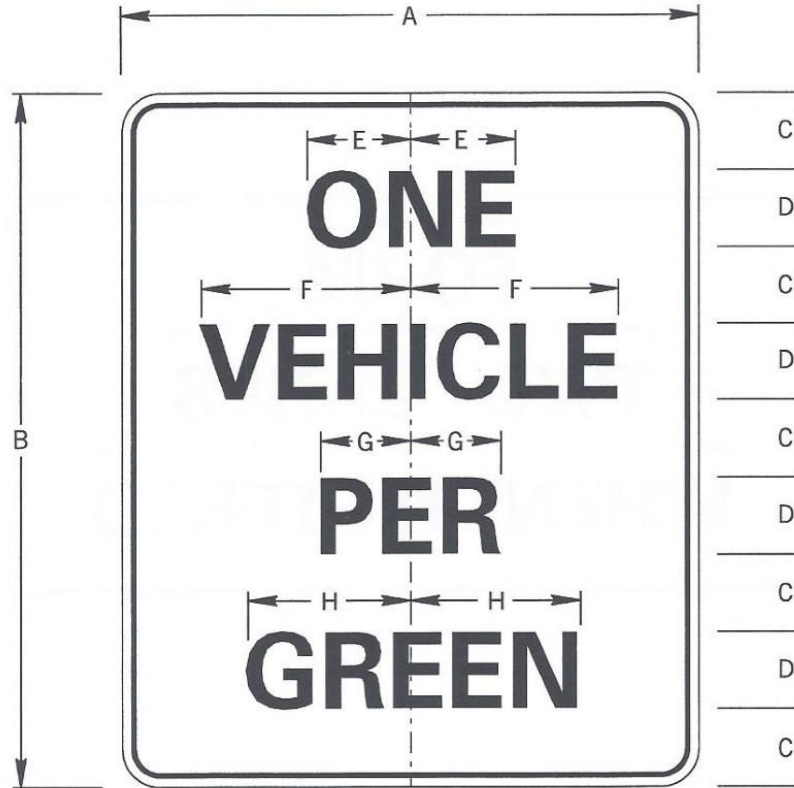
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R21-3

ONE VEHICLE PER GREEN SIGN

The One Vehicle Per Green Sign (R21-3) may be erected on one lane approaches to ramp metering signals to indicate that only one vehicle may proceed during the green light indication.

The R21-3 sign shall be fabricated from Type III or IV retroreflective sheeting material.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	100 (4)	100D (4D)	125 (4.9)	269 (10.6)	121 (4.8)	207 (8.2)	10 (0.4)	15 (0.6)	B5-900750 (B5-3630)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

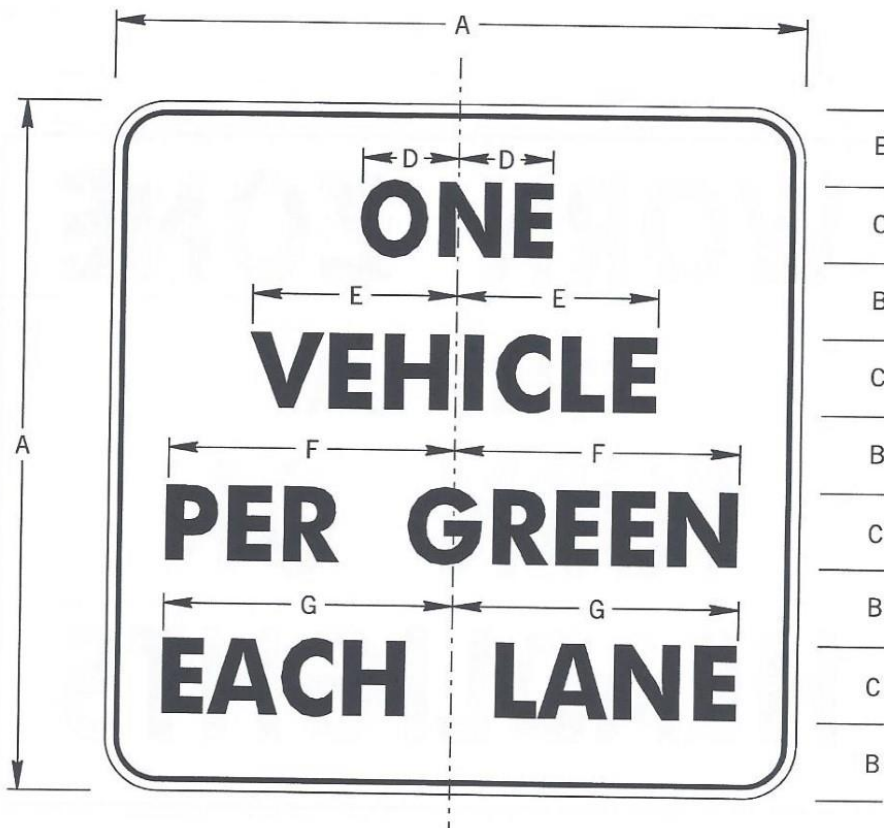
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R21-4

ONE VEHICLE PER GREEN EACH LANE SIGN

The One Vehicle Per Green Each Lane Sign (R21-4) may be erected on two lane approaches to ramp metering signals to indicate that only one vehicle per lane may proceed during the green light indication.

The R21-4 sign shall be fabricated from Type III or IV retroreflective sheeting material.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	100 (4)	100D (4D)	125 (4.9)	269 (10.6)	378 (14.9)	380 (15)	10 (0.4)	15 (0.6)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

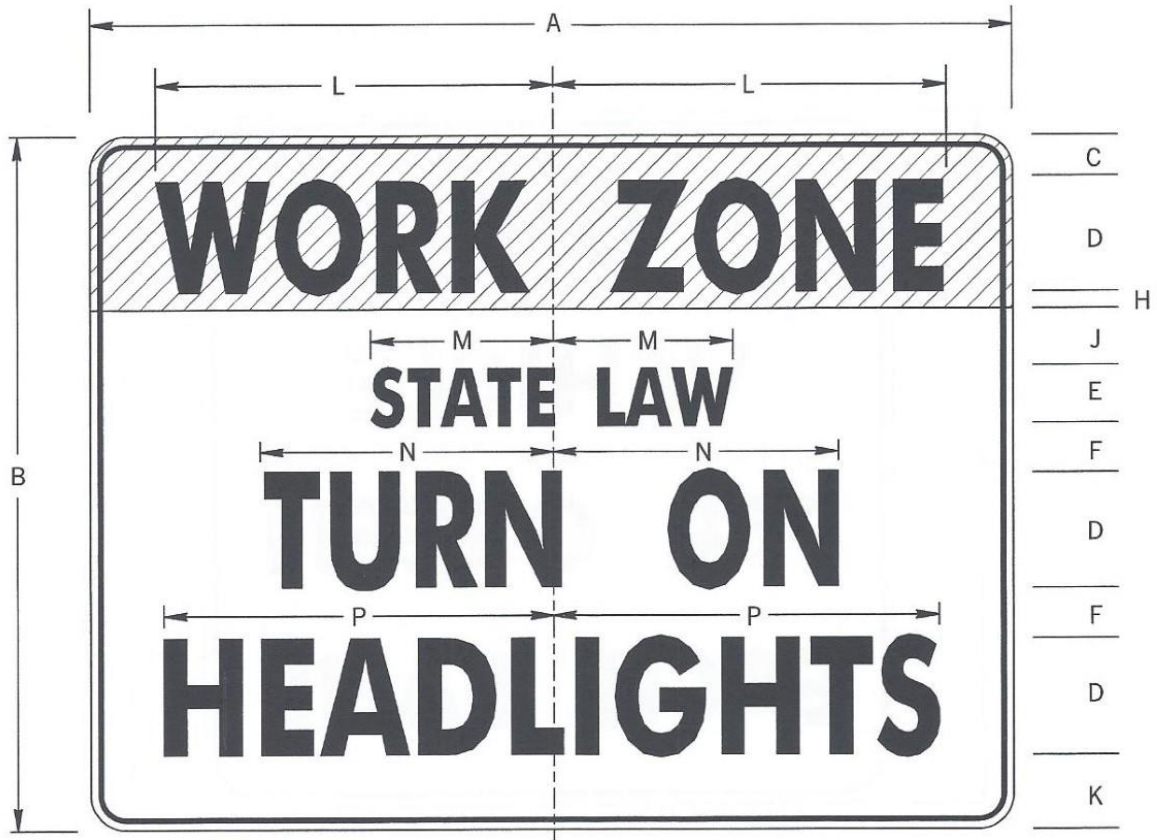
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R22-1

WORK ZONE – TURN ON HEADLIGHTS SIGN

(a) Justification. The Work Zone – Turn on Headlights Sign (R22-1) shall be used in advance of work zones in accordance with Department guidelines. When used, the R22-1 sign should generally be installed as the first sign approaching the work zone.

(b) Size. The 1800 mm x 1200 mm (72" x 48") size should be used for long-term operations on expressways and freeways.



DIMENSIONS – mm (IN)														
SIGN SIZE A x B	C	D	E	F	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	53 (2.1)	150C (6C)	75C (3C)	65 (2.6)	22 (0.9)	74 (3)	96 (3.8)	515 (20.3)	232 (9.2)	385 (15.2)	505 (19.9)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)
1800 x 1200 (72" x 48")	67.5 (2.7)	200D (8D)	100D (4D)	100 (4)	32.5 (1.3)	82 (3.3)	118 (4.7)	804 (31.7)	370 (14.6)	598 (23.7)	777* (30.7)*	15 (0.6)	20 (0.8)	—

* REDUCE SPACING 20%.

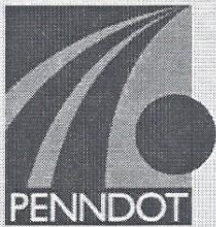
COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

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

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

Bureau of Highway Safety & Traffic Engineering



**HANDBOOK
OF
APPROVED
SIGNS**

PART II

Warning Signs (W-Series)

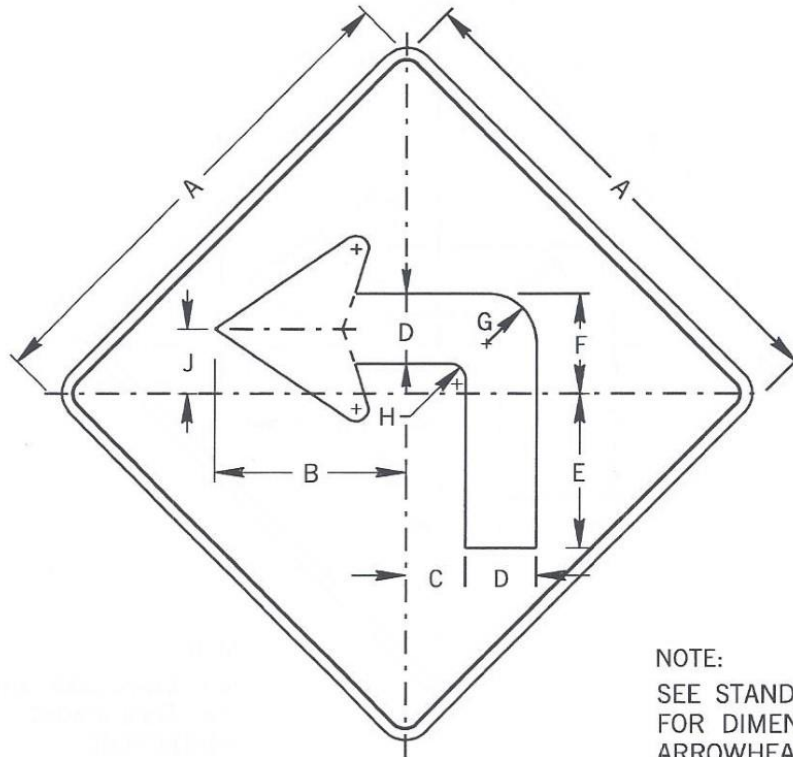
PUBLICATION 236M

PUB 236M (1-06)

W1-1L

LEFT TURN SIGN

The Left Turn Sign (W1-1L) may be used in advance of a turn to the left where the recommended speed on the turn is 50 km/h (30 MPH) or less, and this recommended speed is equal to or less than the legal speed limit. Where a W1-1L sign is warranted, other delineation may be used on the outside of the turn.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	300 (12)	94 (3.8)	110 (4.4)	228 (9.1)	156 (6.2)	75 (3)	25 (1)	101 (4.0)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	480 (19.2)	150 (6)	175 (7)	387 (15.5)	250 (10)	122 (4.9)	40 (1.6)	162 (6.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

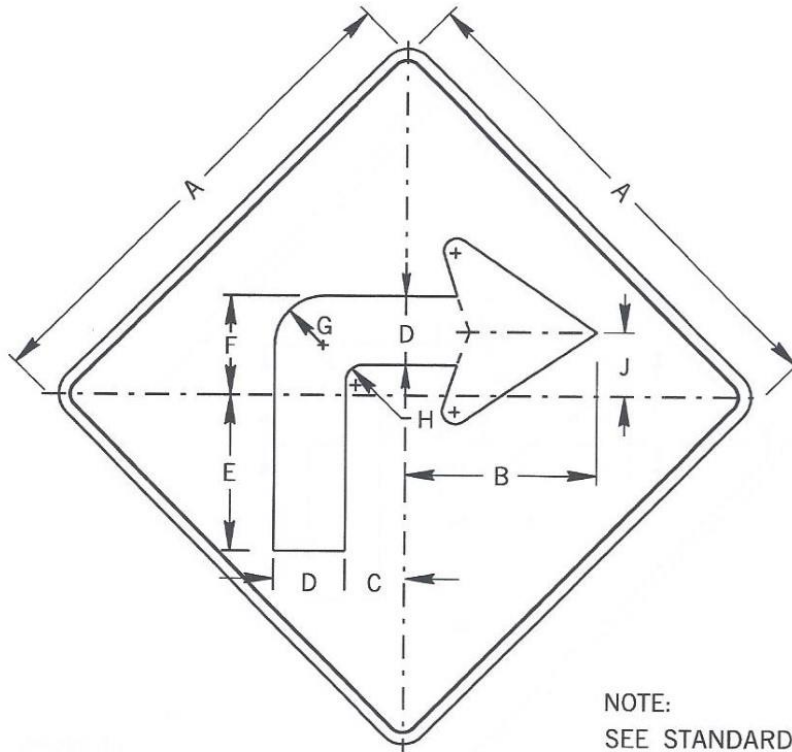
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-1R

RIGHT TURN SIGN

The Right Turn Sign (W1-1R) may be used in advance of a turn to the right where the recommended speed on the turn is 50 km/h (30 MPH) or less, and this recommended speed is equal to or less than the legal speed limit. When a W1-1R sign is warranted, other delineation may be used on the outside of the turn.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	300 (12)	94 (3.8)	110 (4.4)	228 (9.1)	156 (6.2)	75 (3)	25 (1)	101 (4.0)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	480 (19.2)	150 (6)	175 (7)	387 (15.5)	250 (10)	122 (4.9)	40 (1.6)	162 (6.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

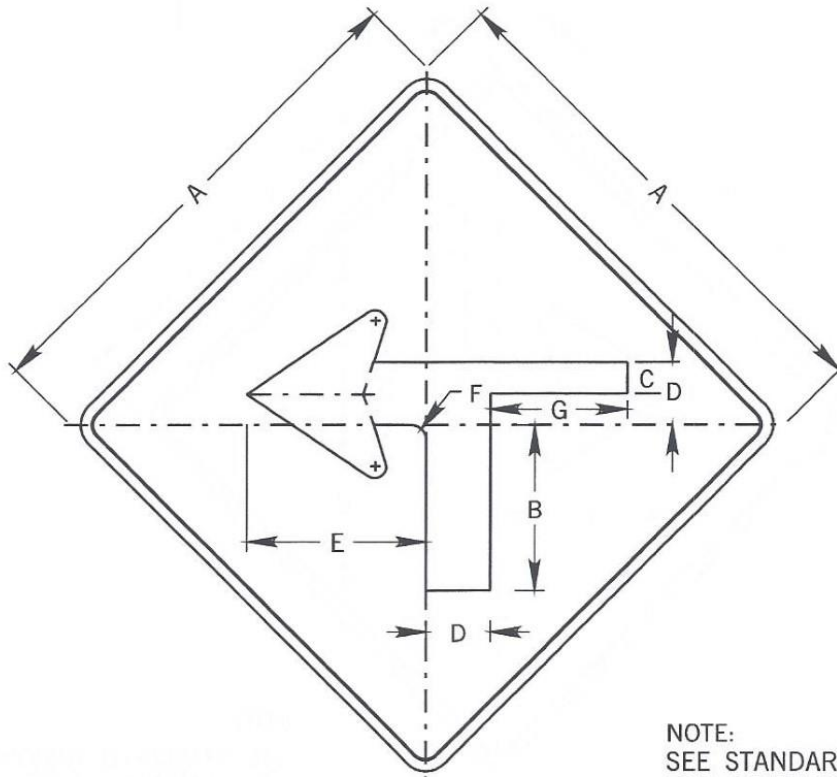
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-1LR

LEFT TURN WITH SIDE ROAD RIGHT SIGN

The Left Turn With Side Road Right Sign (W1-1LR) may be used in advance of a turn to the left where the recommended speed on the turn is 50 km/h (30 MPH) or less and equal to or less than the legal speed limit, and where a side road exists to the right. The side road may be positioned along the shaft of the arrow to properly depict the location of the intersection. When a W1-1LR sign is warranted, other delineation may be used on the outside of the turn.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	300 (12)	50 (2)	110 (4.4)	300 (12)	25 (1)	190 (7.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	475 (19)	80 (3.2)	175 (7)	475 (19)	40 (1.6)	300 (12)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

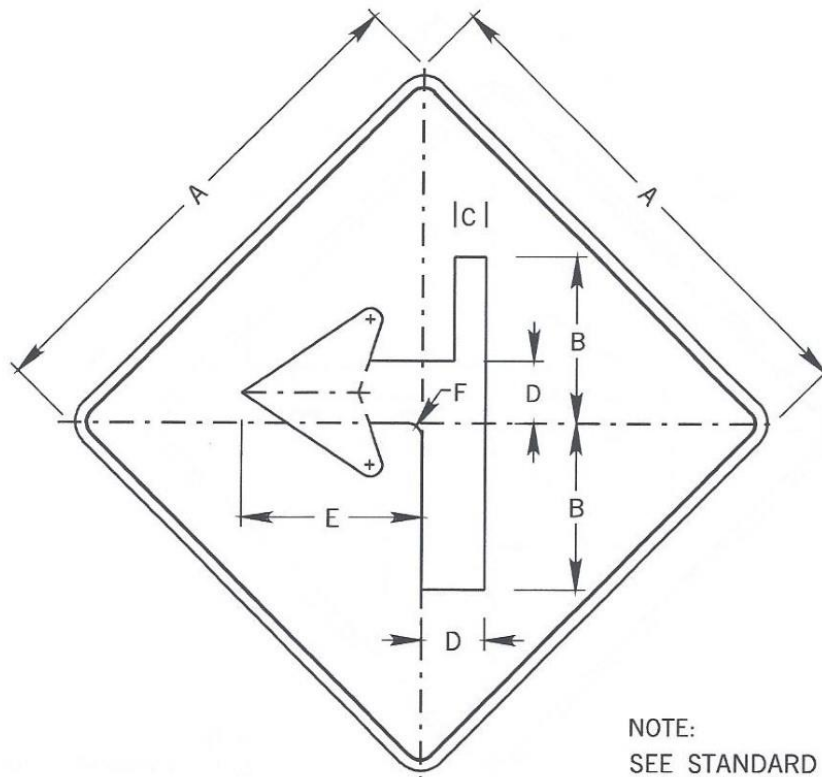
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-1LS

LEFT TURN WITH SIDE ROAD STRAIGHT AHEAD SIGN

The Left Turn With Side Road Straight Ahead Sign (W1-1LS) may be used in advance of a turn to the left where the recommended speed on the turn is 50 km/h (30 MPH) or less and equal to or less than the legal speed limit, and where a side road exists straight ahead. The side road may be positioned along the shaft of the arrow to properly depict the location of the intersection. When a W1-1LS sign is warranted, other delineation may be used on the outside of the turn.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	300 (12)	50 (2)	110 (4.4)	300 (12)	25 (1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	475 (19)	80 (3.2)	175 (7)	475 (19)	40 (1.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

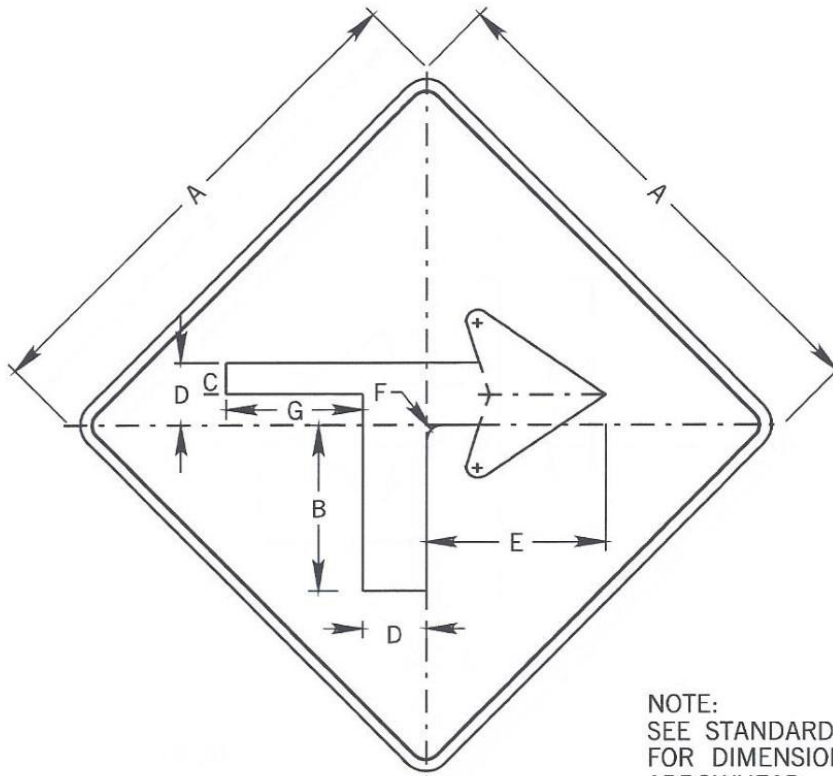
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-1RL

RIGHT TURN WITH SIDE ROAD LEFT SIGN

The Right Turn With Side Road Left Sign (W1-1RL) may be used in advance of a turn to the right where the recommended speed on the turn is 50 km/h (30 MPH) or less and equal to or less than the legal speed limit, and where a side road exists to the left. The side road may be positioned along the shaft of the arrow to properly depict the location of the intersection. When a W1-1RL sign is warranted, other delineation may be used on the outside of the turn.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	300 (12)	50 (2)	110 (4.4)	300 (12)	25 (1)	190 (7.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	475 (19)	80 (3.2)	175 (7)	475 (19)	40 (1.6)	300 (12)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

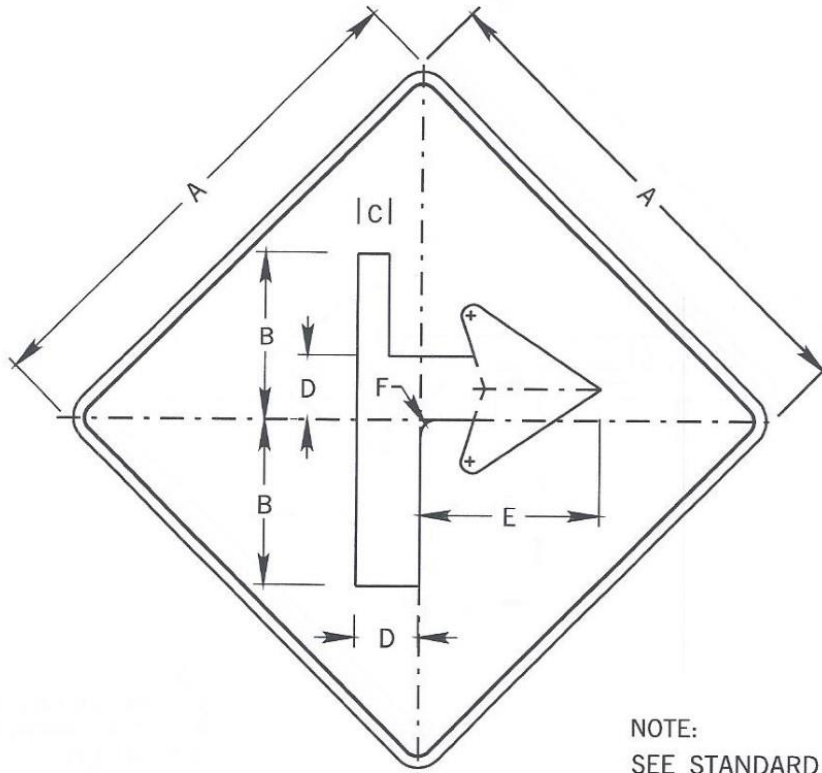
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-1RS

RIGHT TURN WITH SIDE ROAD STRAIGHT AHEAD SIGN

The Right Turn With Side Road Straight Ahead Sign (W1-1RS) may be used in advance of a turn to the right where the recommended speed on the turn is 50 km/h (30 MPH) or less and equal to or less than the legal speed limit, and where a side road exists straight ahead. The side road may be positioned along the shaft of the arrow to properly depict the location of the intersection. When a W1-1RS sign is warranted, other delineation may be used on the outside of the turn.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD
750 x 750 (30" x 30")	300 (12)	50 (2)	110 (4.4)	300 (12)	25 (1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	475 (19)	80 (3.2)	175 (7)	475 (19)	40 (1.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

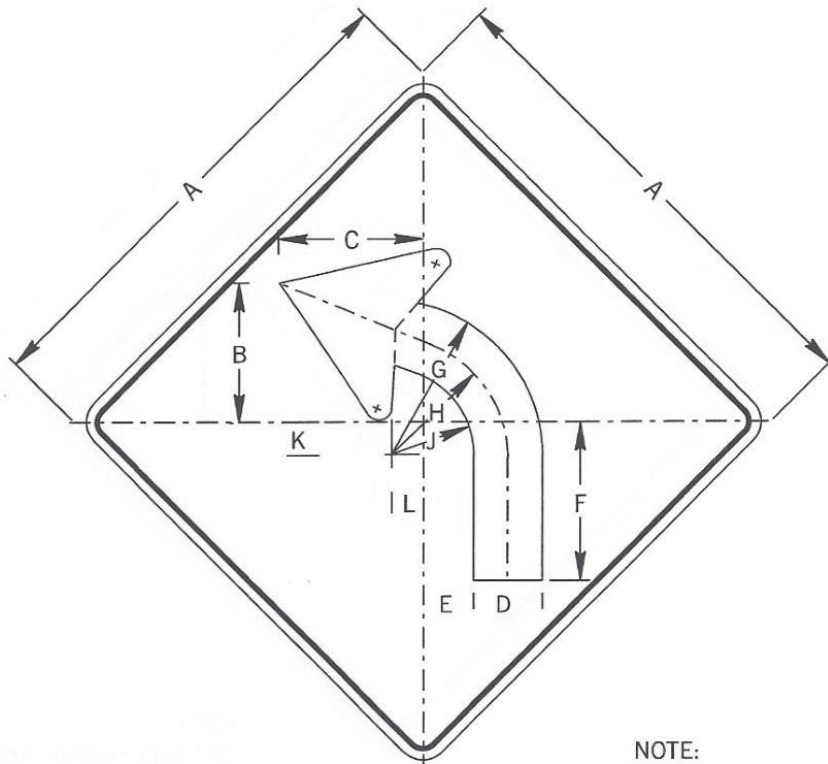
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-2L

LEFT CURVE SIGN

The Left Curve Sign (W1-2L) may be used in advance of a curve to the left where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	225 (9)	230 (9.2)	110 (4.4)	86 (3.4)	260 (10.4)	251 (10)	196 (7.8)	141 (5.6)	74 (3)	55 (2.2)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	360 (14.4)	368 (14.7)	176 (7)	138 (5.5)	415 (16.6)	402 (16)	314 (12.5)	226 (9)	119 (4.8)	88 (3.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

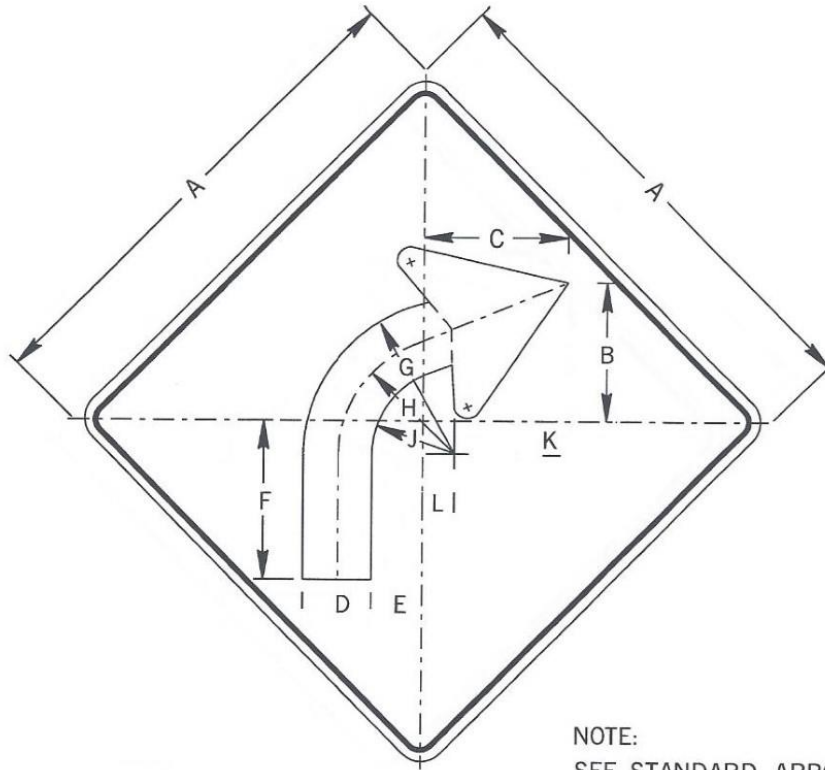
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-2R

RIGHT CURVE SIGN

The Right Curve Sign (W1-2R) may be used in advance of a curve to the right where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	225 (9)	230 (9.2)	110 (4.4)	86 (3.4)	260 (10.4)	251 (10)	196 (7.8)	141 (5.6)	74 (3)	55 (2.2)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	360 (14.4)	368 (14.7)	176 (7)	138 (5.5)	415 (16.6)	402 (16)	314 (12.5)	226 (9)	119 (4.8)	88 (3.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

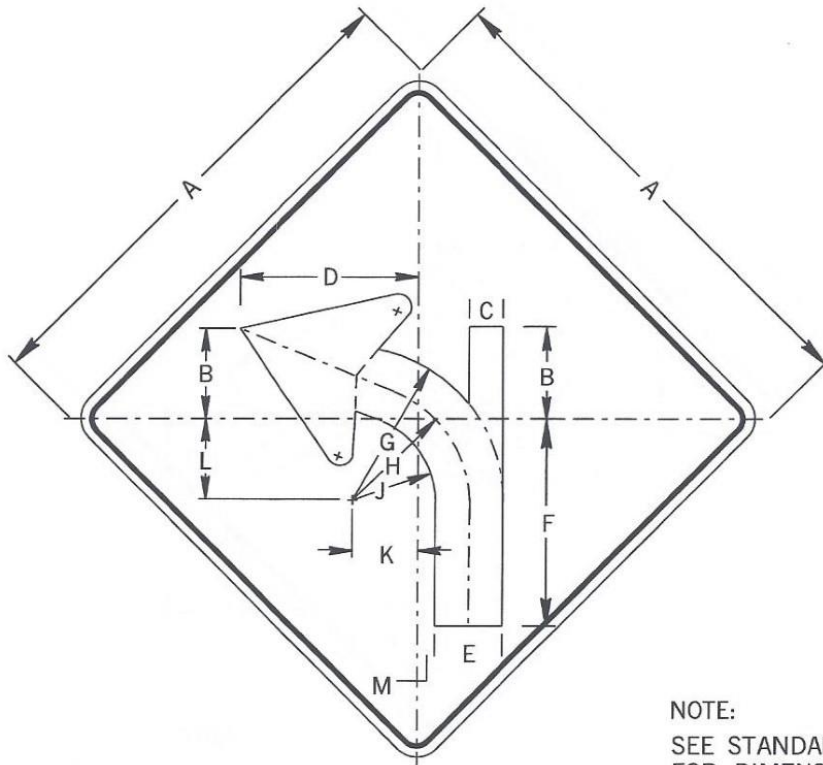
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-2LRA

LEFT CURVE — DIVERGING MINOR RIGHT SIDE ROAD SIGN

The Left Curve — Diverging Minor Right Side Road Sign (W1-2LRA) may be used in advance of a curve to the left where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit, and where a minor road on the outside of the curve diverges from the major road.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	160 (6.4)	55 (2.2)	290 (11.6)	110 (4.4)	320 (12.8)	250 (10)	195 (7.8)	140 (5.6)	115 (4.6)	135 (5.4)	25 (1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	255 (10.2)	88 (3.5)	465 (18.6)	176 (7)	510 (20.4)	400 (16)	312 (12.5)	224 (9)	190 (7.6)	220 (8.8)	34 (1.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

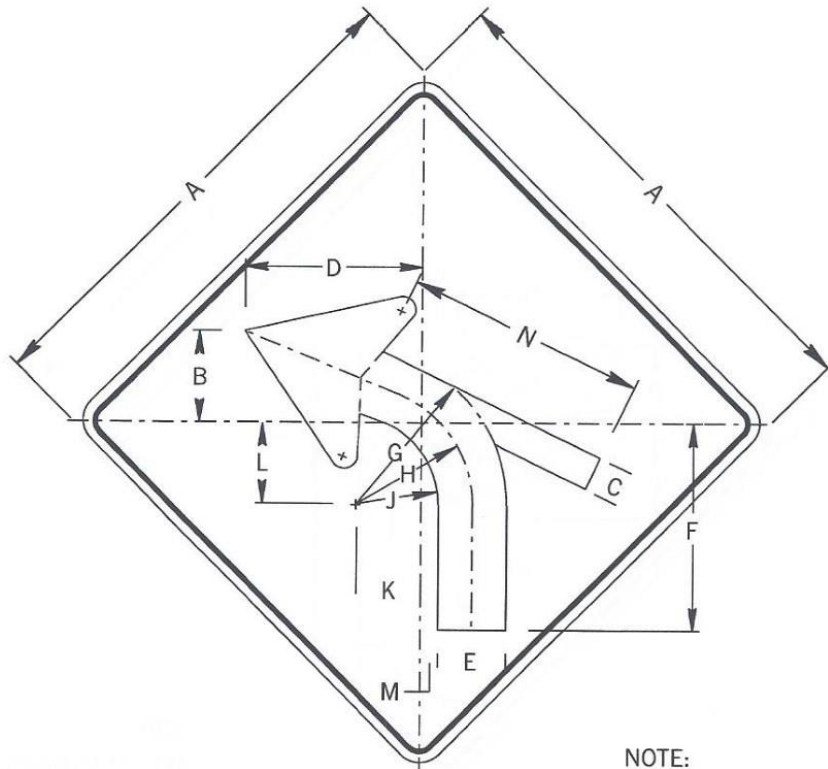
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-2LRB

LEFT CURVE — CONVERGING MINOR RIGHT SIDE ROAD SIGN

The Left Curve — Converging Minor Right Side Road Sign (W1-2LRB) may be used in advance of a curve to the left where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit, and where a minor road on the outside of the curve converges with the major road.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	160 (6.4)	55 (2.2)	290 (11.6)	110 (4.4)	320 (12.8)	250 (10)	195 (7.8)	140 (5.6)	115 (4.6)	135 (5.4)	25 (1)	375 (15)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	255 (10.2)	88 (3.5)	465 (18.6)	176 (7)	510 (20.4)	400 (16)	312 (12.5)	224 (9)	190 (7.6)	220 (8.8)	34 (1.4)	600 (24)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

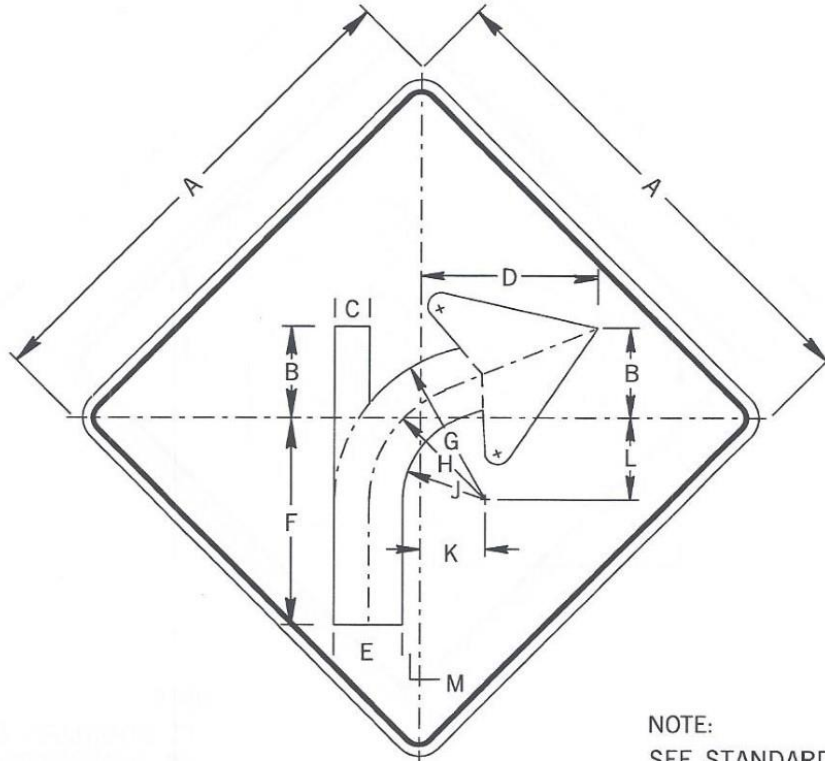
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-2RLA

RIGHT CURVE — DIVERGING MINOR LEFT SIDE ROAD SIGN

The Right Curve — Diverging Minor Left Side Road Sign (W1-2RLA) may be used in advance of a curve to the right where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit, and where a minor road on the outside of the curve diverges from the major road.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	160 (6.4)	55 (2.2)	290 (11.6)	110 (4.4)	320 (12.8)	250 (10)	195 (7.8)	140 (5.6)	115 (4.6)	135 (5.4)	25 (1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	255 (10.2)	88 (3.5)	465 (18.6)	176 (7)	510 (20.4)	400 (16)	312 (12.5)	224 (9)	190 (7.6)	220 (8.8)	34 (1.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

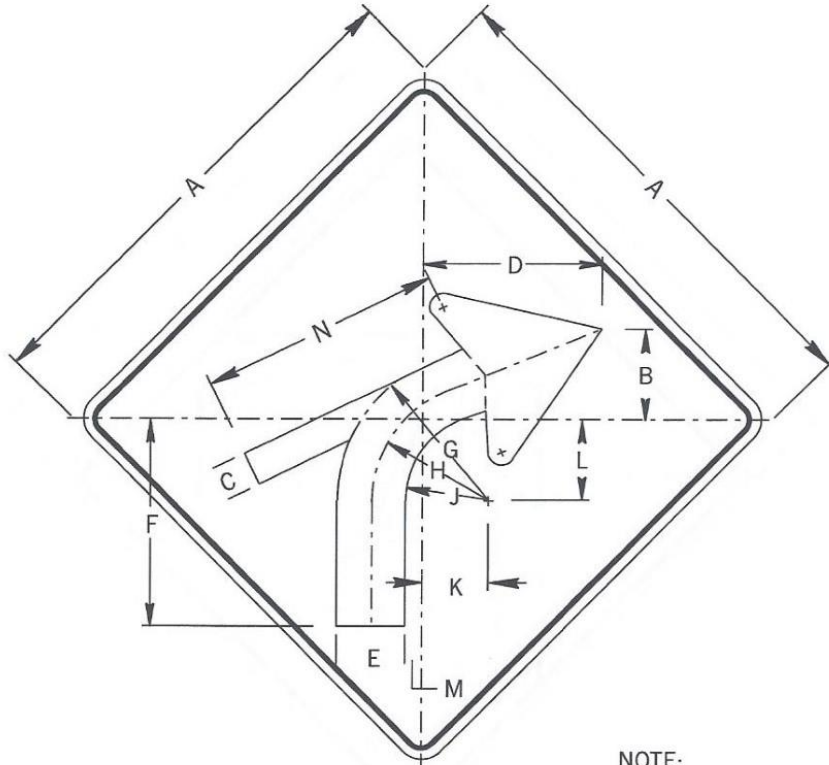
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-2RLB

RIGHT CURVE — CONVERGING MINOR LEFT SIDE ROAD SIGN

The Right Curve — Converging Minor Left Side Road Sign (W1-2RLB) may be used in advance of a curve to the right where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit, and where a minor road on the outside of the curve converges with the major road.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	160 (6.4)	55 (2.2)	290 (11.6)	110 (4.4)	320 (12.8)	250 (10)	195 (7.8)	140 (5.6)	115 (4.6)	135 (5.4)	25 (1)	375 (15)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	255 (10.2)	88 (3.5)	465 (18.6)	176 (7)	510 (20.4)	400 (16)	312 (12.5)	224 (9)	190 (7.6)	220 (8.8)	34 (1.4)	600 (24)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

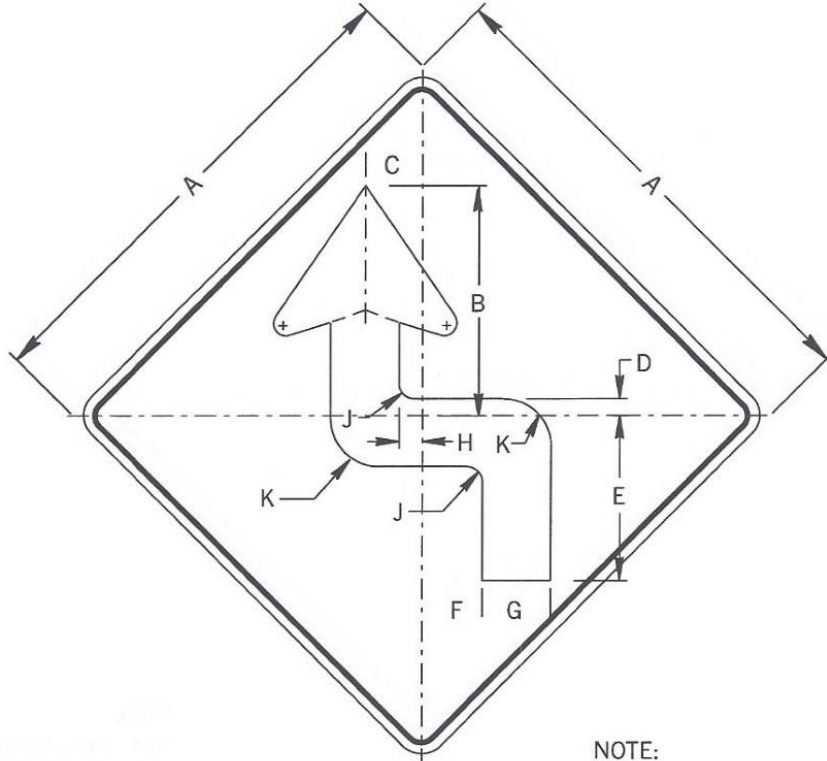
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-3L

LEFT REVERSE TURN SIGN

The Left Reverse Turn Sign (W1-3L) shall be authorized for use where two turns or a curve and a turn in opposite directions as defined in the warrants for Turn (W1-1R) and Curve (W1-2R) signs are separated by a tangent of less than 180 m (600'). It shall be used when the first turn or curve is to the left.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	365 (14.6)	85 (3.4)	35 (1.4)	260 (10.4)	95 (3.8)	110 (4.4)	30 (1.2)	25 (1)	75 (3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	580 (23.2)	140 (5.6)	55 (2.2)	415 (16.6)	150 (6)	176 (7)	52 (2.1)	40 (1.6)	120 (4.8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

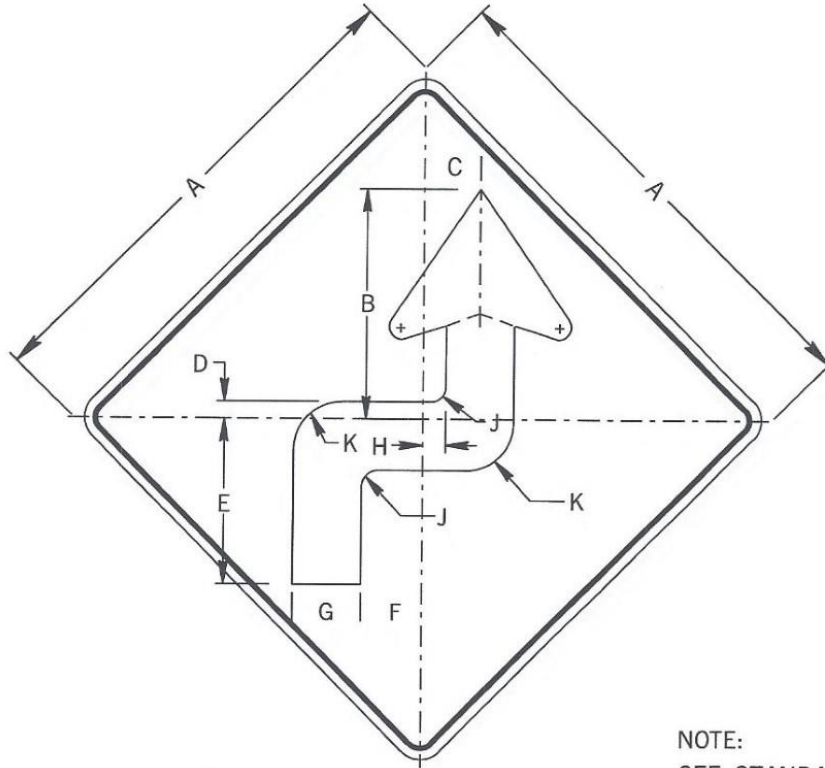
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-3R

RIGHT REVERSE TURN SIGN

The Right Reverse Turn Sign (W1-3R) shall be authorized for use where two turns or a curve and a turn in opposite directions as defined in the warrants for Turn (W1-1R) and Curve (W1-2R) signs are separated by a tangent of less than 180 m (600'). It shall be used when the first turn or curve is to the right.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	365 (14.6)	85 (3.4)	35 (1.4)	260 (10.4)	95 (3.8)	110 (4.4)	30 (1.2)	25 (1)	75 (3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	580 (23.2)	140 (5.6)	55 (2.2)	415 (16.6)	150 (6)	176 (7)	52 (2.1)	40 (1.6)	120 (4.8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

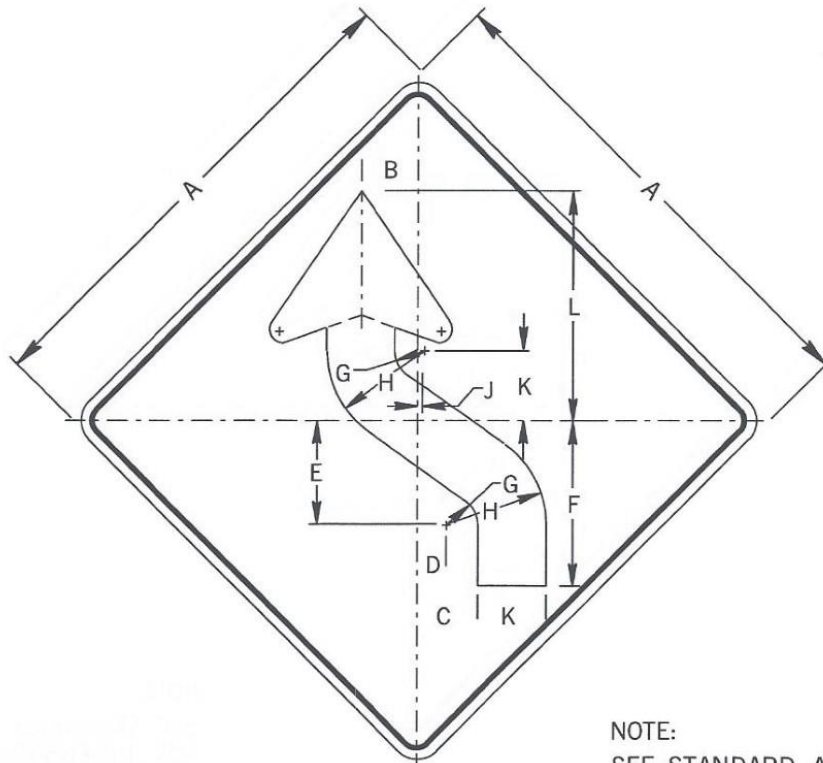
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-4L

LEFT REVERSE CURVE SIGN

The Left Reverse Curve Sign (W1-4L) shall be authorized for use where two curves in opposite directions, as defined in the warrants for Curve Sign (W1-2R), are separated by a tangent of less than 180 m (600'). It shall be used when the first curve is to the left.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100 (4)	82 (3.3)	34 (1.4)	165 (6.6)	260 (10.4)	48 (1.9)	158 (6.3)	3 (0.1)	110 (4.4)	350 (14)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	158 (6.3)	130 (5.2)	55 (2.2)	265 (10.6)	415 (16.6)	75 (3)	251 (10)	5 (0.2)	176 (7)	565 (22.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

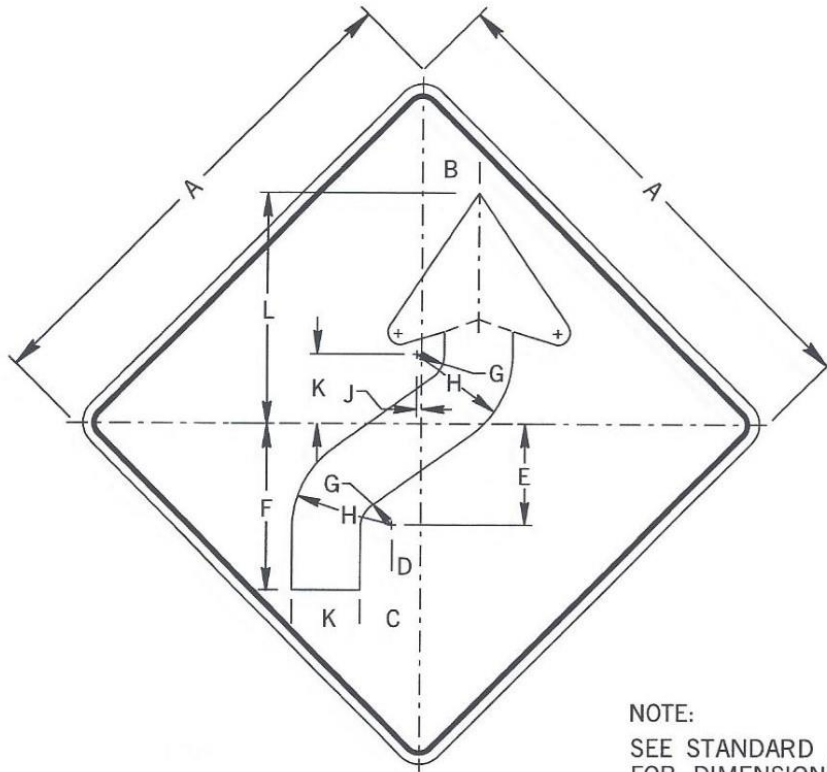
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-4R

RIGHT REVERSE CURVE SIGN

The Right Reverse Curve Sign (W1-4R) shall be authorized for use where two curves in opposite directions, as defined in the warrants for Curve Sign (W1-2R), are separated by a tangent of less than 180 m (600'). It shall be used when the first curve is to the right.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100 (4)	82 (3.3)	34 (1.4)	165 (6.6)	260 (10.4)	48 (1.9)	158 (6.3)	3 (0.1)	110 (4.4)	350 (14)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	158 (6.3)	130 (5.2)	55 (2.2)	265 (10.6)	415 (16.6)	75 (3)	251 (10)	5 (0.2)	176 (7)	565 (22.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

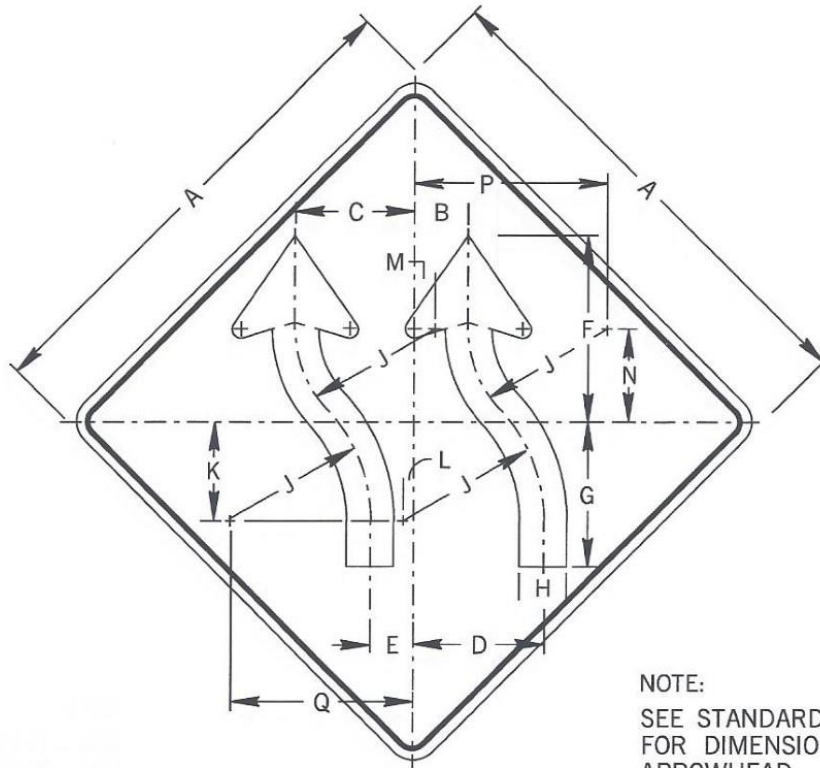
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-4BL

TWO-LANE LEFT REVERSE CURVE SIGN

The Two-Lane Left Reverse Curve Sign (W1-4BL) may be used where two lanes of traffic traveling in the same direction have a curve first to the left and then to the right as defined in the warrants for curve signs and the curves are separated by a tangent of less than 180 m (600').



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	H	J
900 x 900 (36" x 36")	100 (4)	215 (8.6)	230 (9.2)	85 (3.4)	340 (13.6)	260 (10.4)	90 (3.6)	250 (10)
1200 x 1200 (48" x 48")	130 (5.2)	285 (11.4)	310 (12.4)	105 (4.2)	450 (18)	350 (14)	110 (4.4)	335 (13.4)

DIMENSIONS - mm (IN)									
SIGN SIZE A x A	K	L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD
900 x 900 (36" x 36")	180 (7.2)	20 (0.8)	35 (1.4)	162 (6.5)	350 (14)	335 (13.4)	10 (0.4)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	240 (9.6)	25 (1)	52 (2.1)	225 (9)	465 (18.6)	440 (17.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

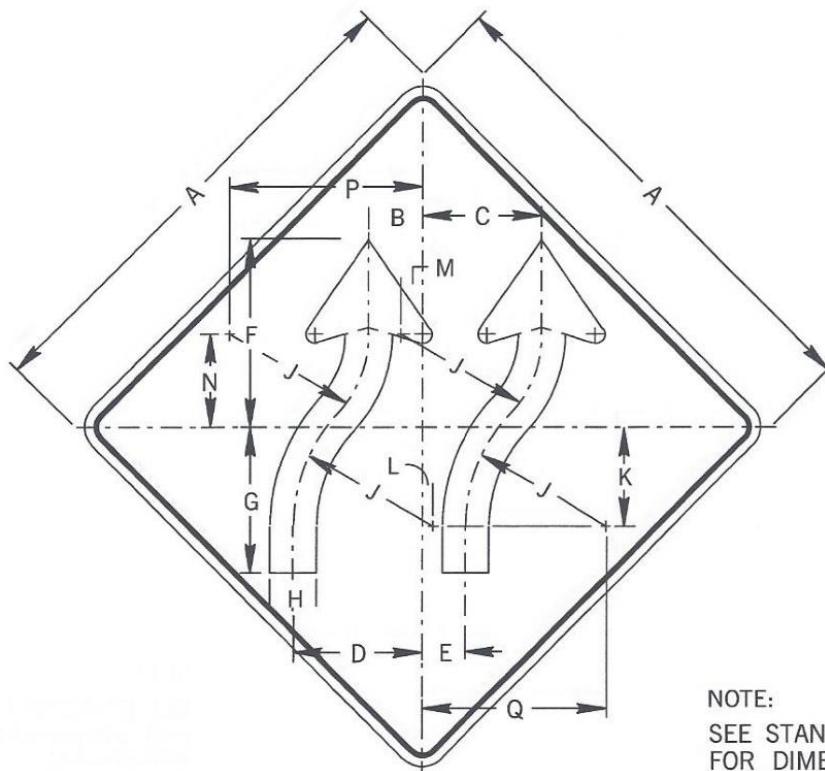
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-4BR

TWO-LANE RIGHT REVERSE CURVE SIGN

The Two-Lane Right Reverse Curve Sign (W1-4BR) may be used where two lanes of traffic traveling in the same direction have a curve first to the right and then to the left as defined in the warrants for curve signs and the curves are separated by a tangent of less than 180 m (600').



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	H	J
900 x 900 (36" x 36")	100 (4)	215 (8.6)	230 (9.2)	85 (3.4)	340 (13.6)	260 (10.4)	90 (3.6)	250 (10)
1200 x 1200 (48" x 48")	130 (5.2)	285 (11.4)	310 (12.4)	105 (4.2)	450 (18)	350 (14)	110 (4.4)	335 (13.4)

DIMENSIONS - mm (IN)									
SIGN SIZE A x A	K	L	M	N	P	Q	MAR- GIN	BOR- DER	BLANK STD
900 x 900 (36" x 36")	180 (7.2)	20 (0.8)	35 (1.4)	162 (6.5)	350 (14)	335 (13.4)	10 (0.4)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	240 (9.6)	25 (1)	52 (2.1)	225 (9)	465 (18.6)	440 (17.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

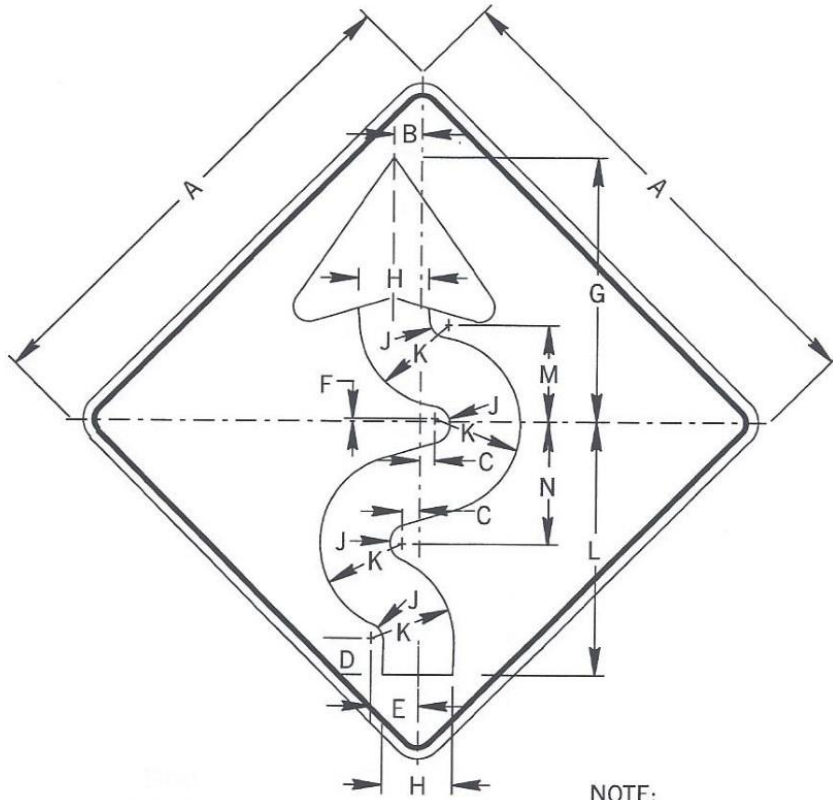
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-5L

LEFT WINDING ROAD SIGN

The Left Winding Road Sign (W1-5L) shall be authorized for use where there is a series of turns or curves as defined in the warrants for Turn (W1-1R) and Curve (W1-2R) signs when the first turn or curve is to the left.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD
750 x 750 (30" x 30")	39 (1.6)	15 (0.6)	50 (2)	78 (3.1)	8 (0.3)	400 (16)	102 (4)	27 (1.1)	129 (5.1)	357 (14.2)	162 (6.5)	164 (6.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	62 (2.5)	25 (1)	80 (3.2)	125 (5)	12 (0.5)	638 (25.5)	162 (6.4)	44 (1.8)	206 (8.2)	571 (22.8)	259 (10.4)	262 (10.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

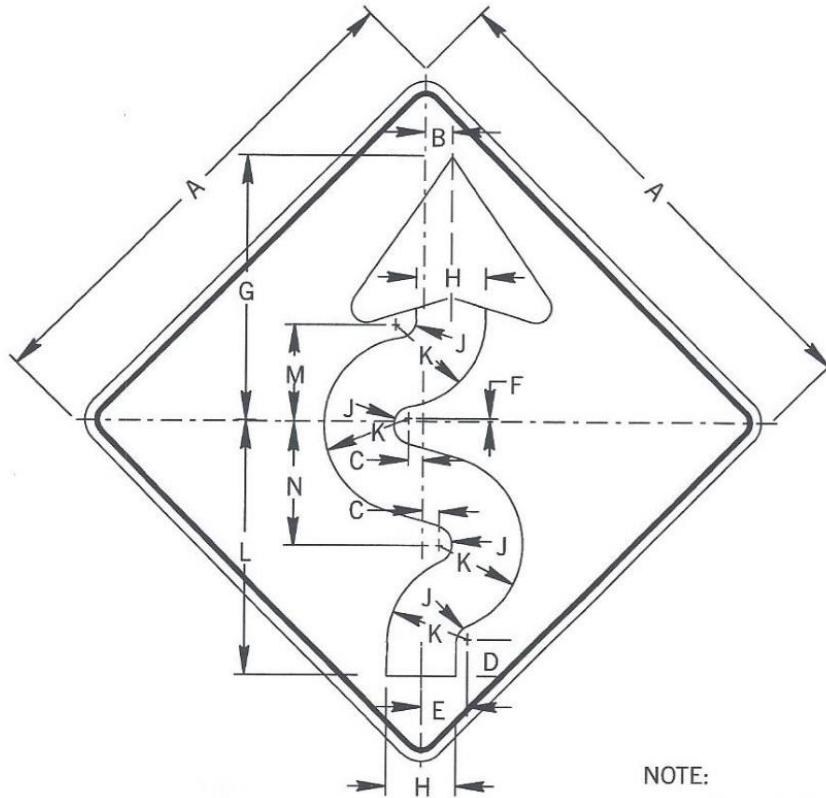
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-5R

RIGHT WINDING ROAD SIGN

The Right Winding Road Sign (W1-5R) shall be authorized for use where there is a series of turns or curves as defined in the warrants for Turn (W1-1R) and Curve (W1-2R) signs when the first turn or curve is to the right.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD
750 x 750 (30" x 30")	39 (1.6)	15 (0.6)	50 (2)	78 (3.1)	8 (0.3)	400 (16)	102 (4)	27 (1.1)	129 (5.1)	357 (14.2)	162 (6.5)	164 (6.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	62 (2.5)	25 (1)	80 (3.2)	125 (5)	12 (0.5)	638 (25.5)	162 (6.4)	44 (1.8)	206 (8.2)	571 (22.8)	259 (10.4)	262 (10.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-5-1

WINDING ROAD NEXT (_) MILES SIGN

(a) Justification. The Winding Road Next (_) Miles Sign (W1-5-1) may be used on non-numbered traffic routes to warn drivers of the general alignment or nature of low volume roadways instead of identifying each turn or curve.

(b) Placement. When used, the W1-5-1 sign may be placed at the beginning of the applicable section of roadway and following intersections with major roadways.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	70 (2.8)	282 (11.1)	408 (16.1)	298 (11.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

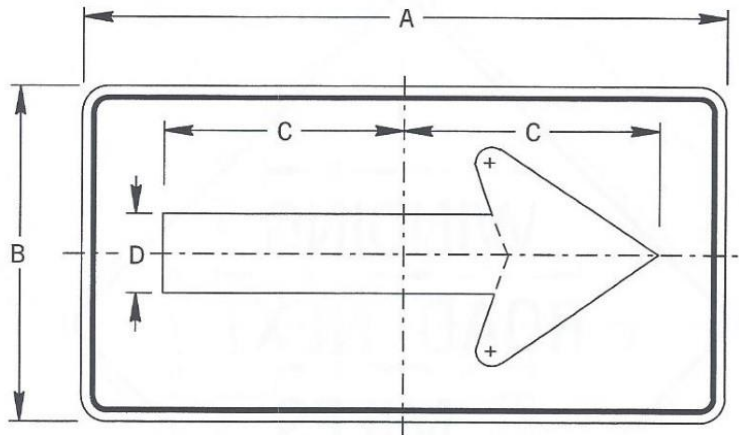
W1-6

LARGE SINGLE 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.

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.

(b) Size. The standard size of the W1-6 shall be 1200 mm by 600 mm (48" x 24").



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	490 (19.5)	165 (6.6)	15 (0.6)	20 (0.8)	B5-1200600 (B5-4824)
2400 x 1200 (96" x 48")	975 (39)	325 (13)	20 (0.8)	30 (1.2)	_____
3000 x 1500 (120" x 60")	1220 (48.8)	400 (16)	25 (1)	30 (1.2)	_____

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

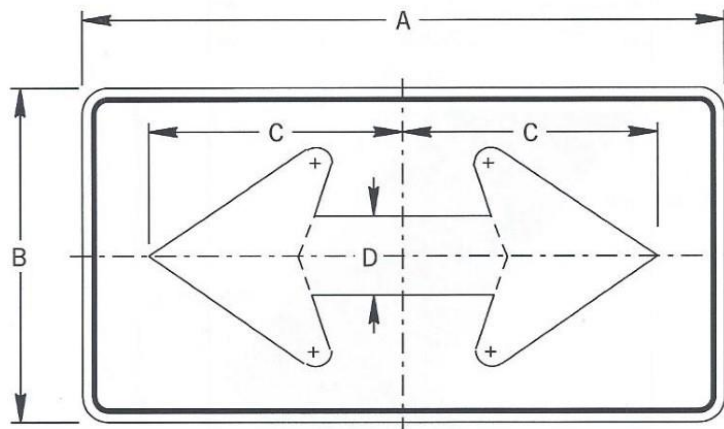
By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 1200 mm by 600 mm (48" x 24").



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	515 (20.6)	165 (6.6)	15 (0.6)	20 (0.8)	B5-1200600 (B5-4824)
2400 x 1200 (96" x 48")	1025 (41)	325 (13)	20 (0.8)	30 (1.2)	—
3000 x 1500 (120" x 60")	1270 (50.8)	400 (16)	25 (1)	30 (1.2)	—

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

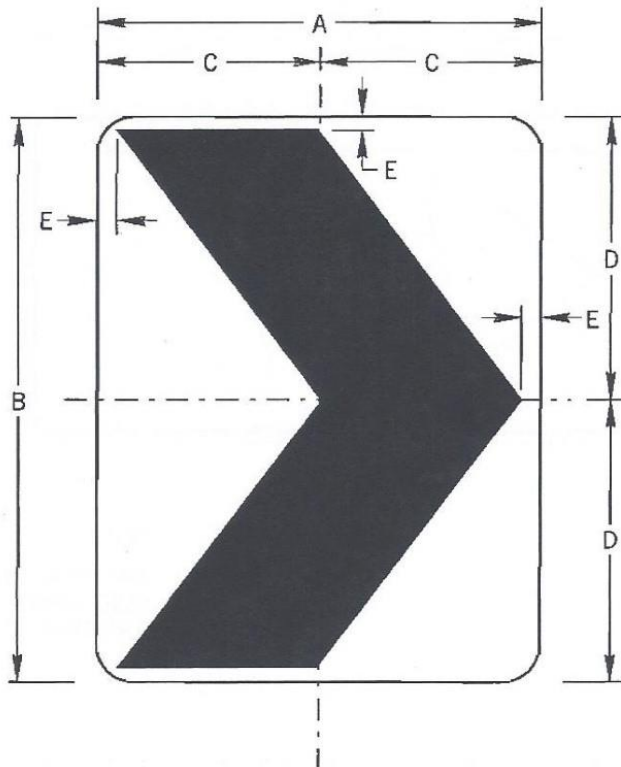
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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).

(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. 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 150 m (500').



DIMENSIONS - mm (IN)				
SIGN SIZE A x B	C	D	E	BLANK STD.
450 x 600 (18" x 24")	225 (9)	300 (12)	20 (0.8)	B5-600450 (B5-2418)
600 x 750 (24" x 30")	300 (12)	375 (15)	23 (0.9)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	375 (15)	450 (18)	25 (1)	B5-900750 (B5-3630)
900 x 1200 (36" x 48")	450 (18)	600 (24)	30 (1.2)	B5-1200900 (B5-4836)

COLOR:

CHEVRON:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

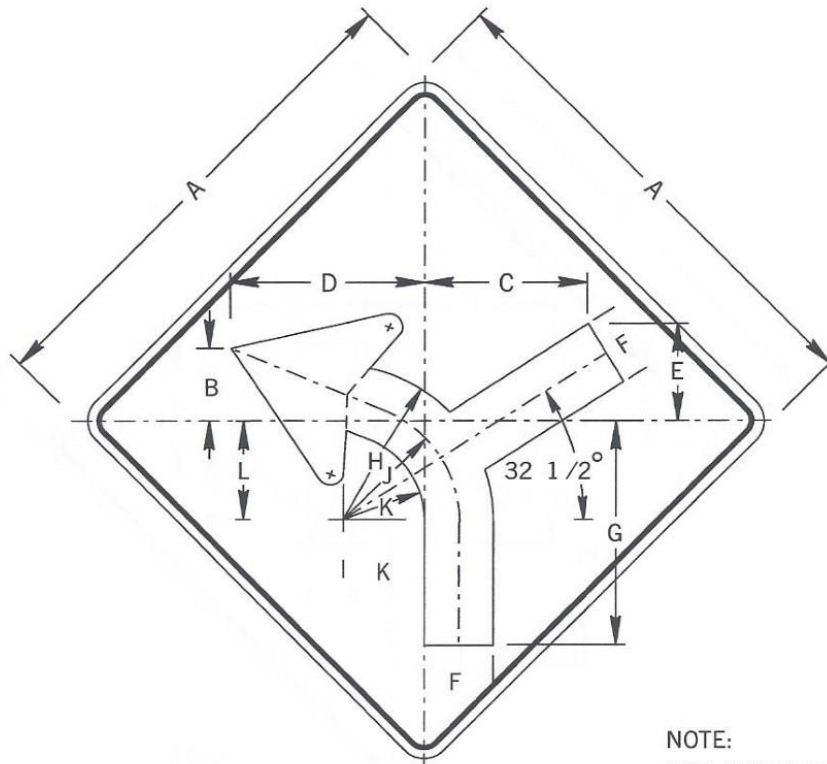
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *John P. Anagnostis* Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-10L

LEFT CURVE RIGHT SIDE ROAD SIGN

The Left Curve Right Side Road Sign (W1-10L) may be used in advance of a curve to the left where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit, and where a side road to the right exists on the curve.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	135 (5.4)	250 (10)	315 (12.6)	155 (6.2)	110 (4.4)	345 (13.8)	250 (10)	195 (7.8)	140 (5.6)	160 (6.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	242 (9.7)	400 (16)	500 (20)	240 (9.6)	176 (7)	550 (22)	401 (16)	313 (12.5)	225 (9)	260 (10.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

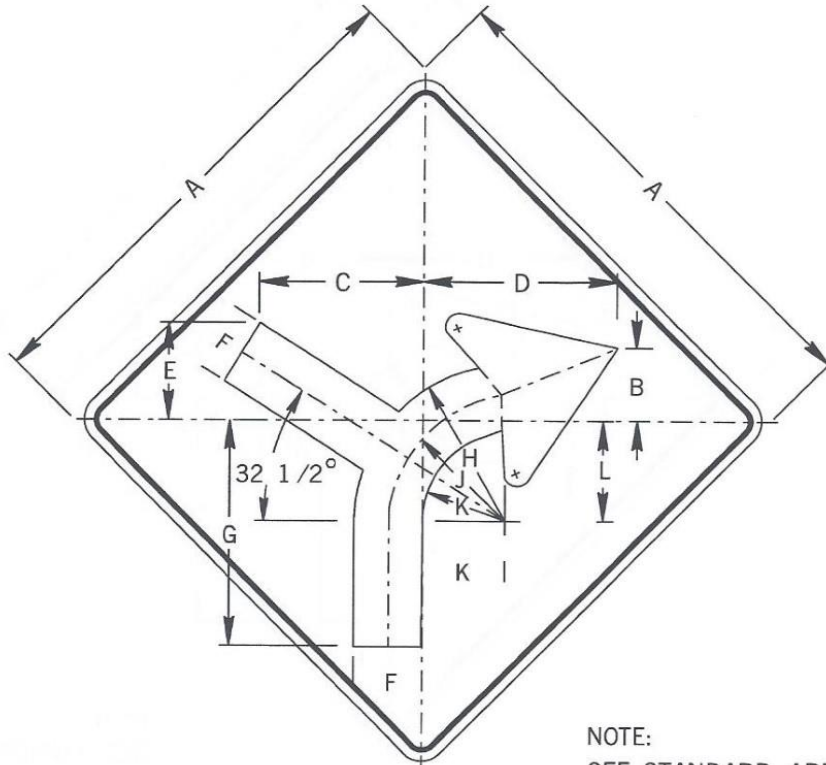
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-10R

RIGHT CURVE LEFT SIDE ROAD SIGN

The Right Curve Left Side Road Sign (W1-10R) may be used in advance of a curve to the right where the recommended speed on the curve is greater than 50 km/h (30 MPH) but less than or equal to the legal speed limit, and where a side road to the left exists on the curve.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	135 (5.4)	250 (10)	315 (12.6)	155 (6.2)	110 (4.4)	345 (13.8)	250 (10)	195 (7.8)	140 (5.6)	160 (6.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	242 (9.7)	400 (16)	500 (20)	240 (9.6)	176 (7)	550 (22)	401 (16)	313 (12.5)	225 (9)	260 (10.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

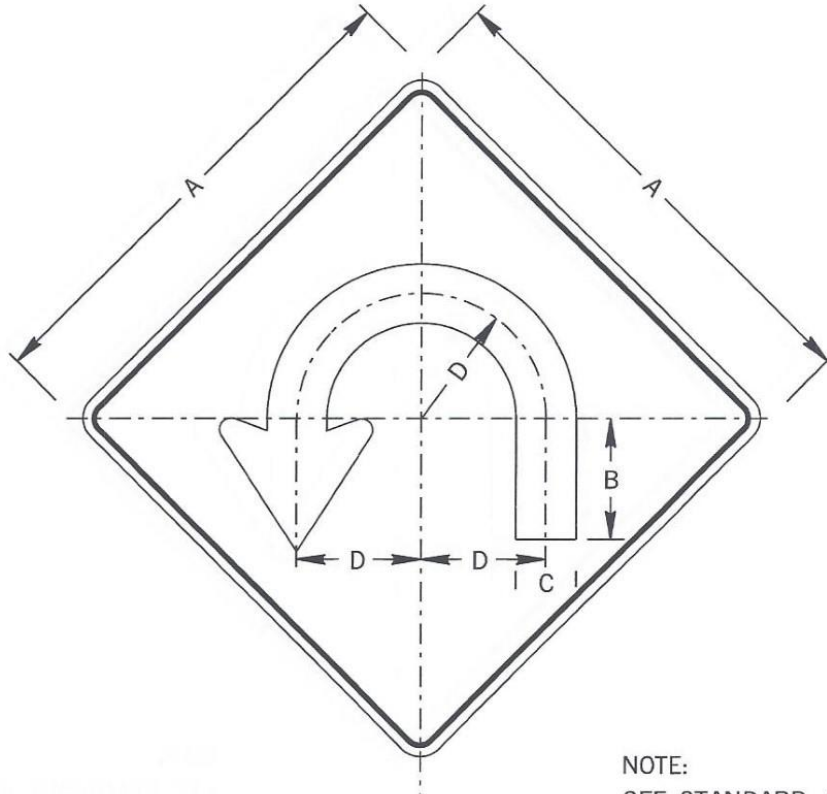
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-11L

LEFT HORSESHOE CURVE SIGN

The Left Horseshoe Curve Sign (W1-11L) shall be authorized for use to mark a curve bearing to the left which produces a central angle of 135° or more. This sign may also be used where a combination of curves separated by tangents of less than 180 m (600') produce a total central angle of 135° or more. If the horseshoe curve can be negotiated safely at a speed over 50 km/h (30 MPH), the Left Curve Sign (W1-2L) should be used. The Large Arrow Sign (W1-6) may be used on the outside of the curve.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	185 (7.4)	90 (3.6)	190 (7.6)	15 (0.6)	25 (1)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	295 (11.8)	145 (5.8)	305 (12.2)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

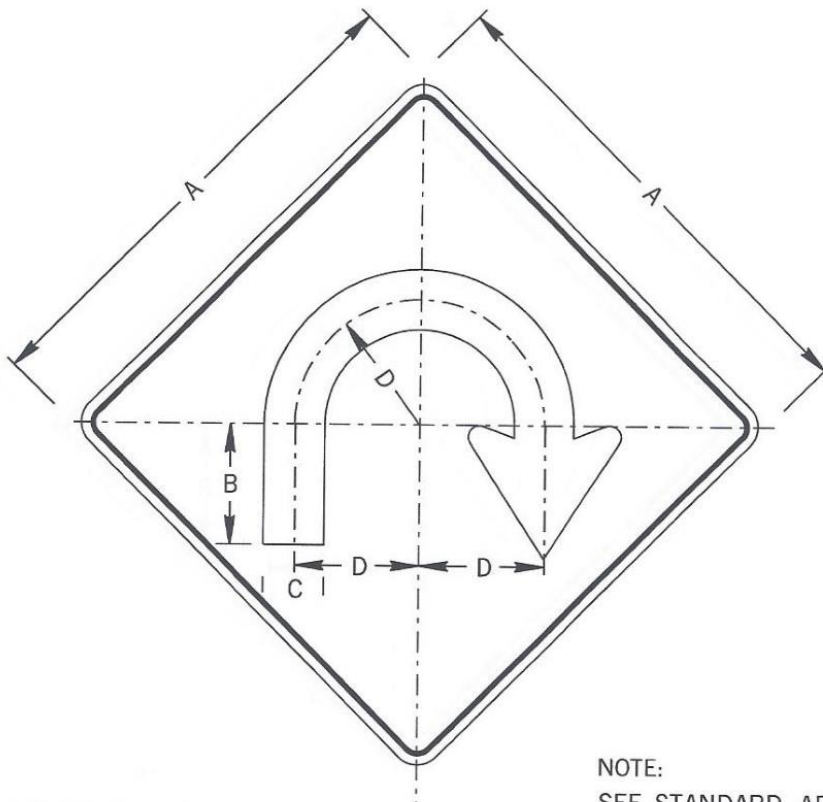
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-11R

RIGHT HORSESHOE CURVE SIGN

The Right Horseshoe Curve Sign (W1-11R) shall be authorized for use to mark a curve bearing to the right which produces a central angle of 135° or more. This sign may also be used when a combination of curves separated by tangents of less than 180 m (600') produce a total central angle of 135° or more. If the horseshoe curve can be negotiated safely at a speed over 50 km/h (30 MPH), the Right Curve Sign (W1-2R) should be used. The Large Arrow Sign (W1-6) may be used on the outside of the curve.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	185 (7.4)	90 (3.6)	190 (7.6)	15 (0.6)	25 (1)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	295 (11.8)	145 (5.8)	305 (12.2)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

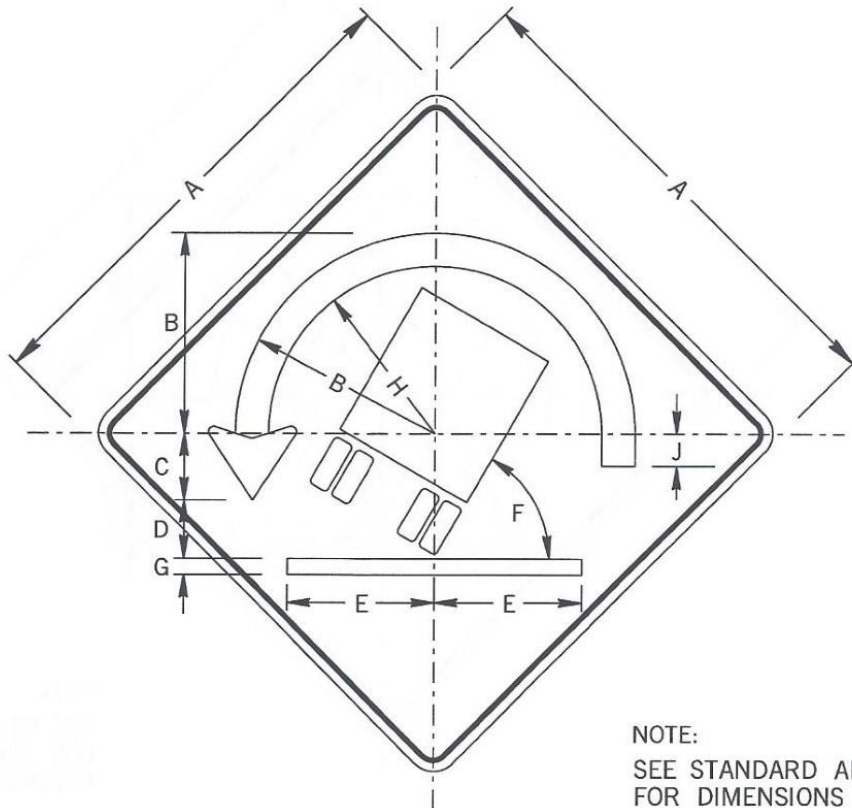
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-13L

TRUCK ROLLOVER LEFT CURVE SIGN

The Truck Rollover Left Curve Sign (W1-13L) may be used to identify sharp curves to the left where trucks have a tendency to roll over. The sign should be placed in advance of the location where the problem exists. When used, it shall be accompanied by an Advisory Speed Plaque (W13-1) indicating the recommended speed for vehicles with a higher center of gravity.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	490 (19.6)	162 (6.5)	135 (5.4)	365 (14.6)	60°	40 (1.6)	410 (16.4)	75 (3)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

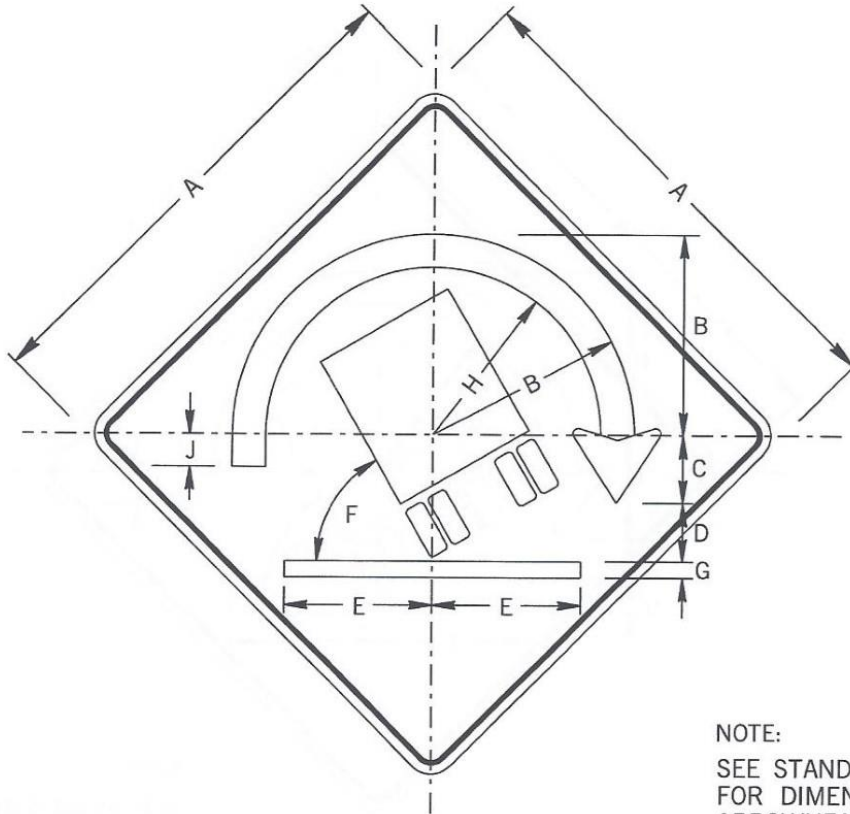
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W1-13R

TRUCK ROLLOVER RIGHT CURVE SIGN

The Truck Rollover Right Curve Sign (W1-13R) may be used to identify sharp curves to the right where trucks have a tendency to roll over. The sign should be placed in advance of the location where the problem exists. When used, it shall be accompanied by an Advisory Speed Plaque (W13-1) indicating the recommended speed for vehicles with a higher center of gravity.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	490 (19.6)	162 (6.5)	135 (5.4)	365 (14.6)	60°	40 (1.6)	410 (16.4)	75 (3)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

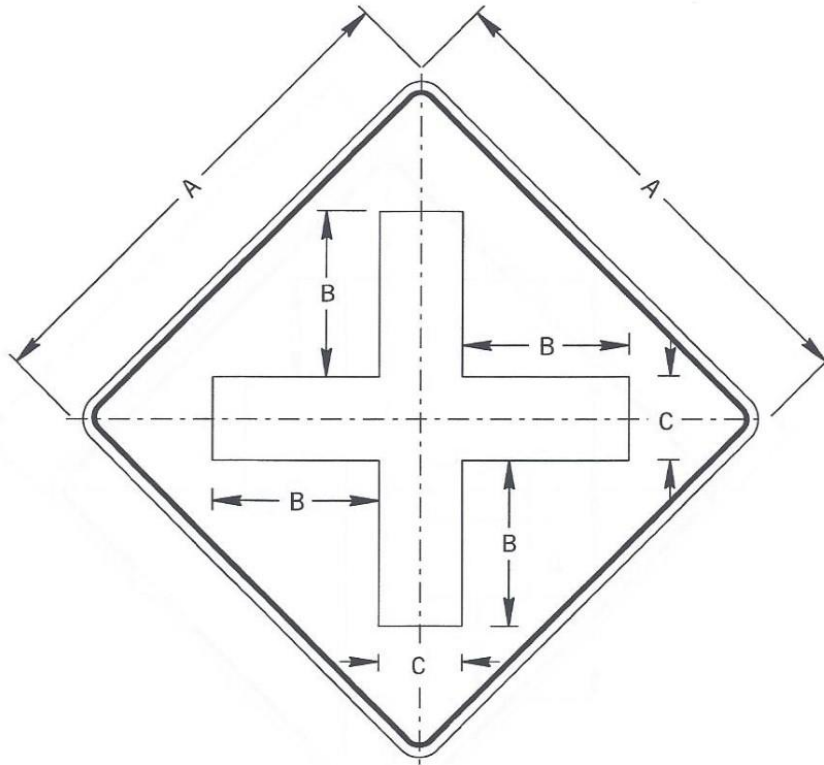
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-1

CROSS ROAD SIGN

The Cross Road Sign (W2-1) shall be authorized for use on a through highway to indicate the presence of a cross road. Its use should be restricted to intersections with roads that are improved to such an extent that there is likely to be a fairly large volume of traffic entering or crossing the through route and where poor sight distance or obscured entrances make it advisable that the intersection be called to the motorists' attention.

Too frequent use should be avoided. This sign may be used as advance warning of two side roads which are offset from each other by not more than 15 m (50').



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	250 (10)	125 (5)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	400 (16)	200 (8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

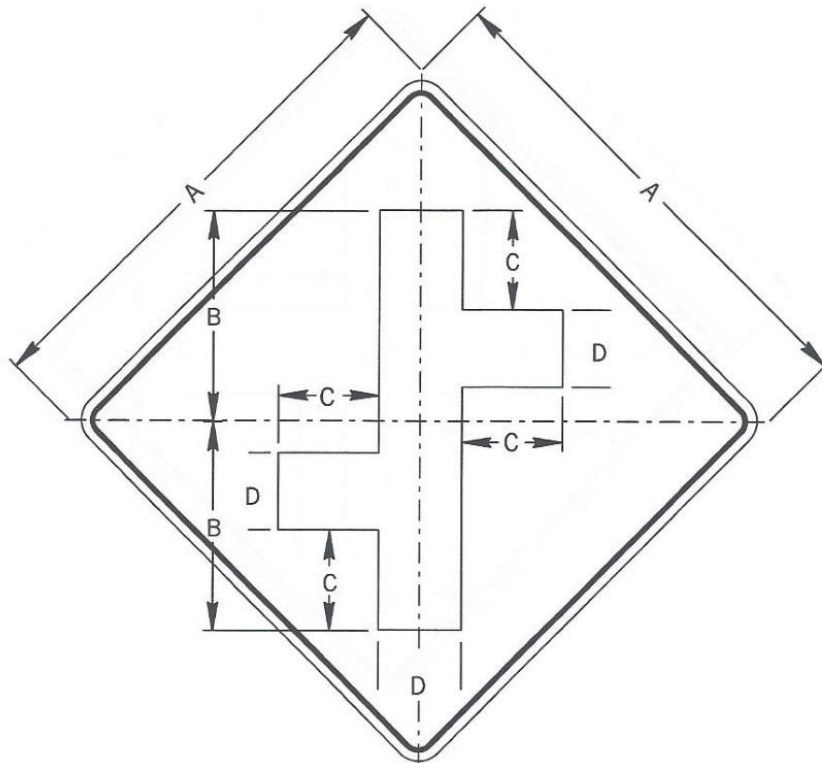
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-1-1L

OFFSET SIDE ROAD LEFT SIGN

The Offset Side Road Left Sign (W2-1-1L) may be used on a through highway to indicate the presence of two offset side roads, the first of which is to the left and the second to the right, and which are separated by a distance greater than 15 m (50') but less than 150 m (500'). Its use should be restricted to those intersections having a high volume of traffic entering from the side roads and where poor sight distance or obscured entrances make it advisable that the intersections be called to the drivers' attention.

The (W2-1-1L) sign may also be used on the two side roads of the depicted intersection if both side roads have the same local road name or traffic route number and they are separated by a distance greater than 15 m (50') but less than 150 m (500'). In such cases, the W2-1-1L sign should be rotated 90 degrees.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	340 (13.6)	150 (6)	115 (4.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	540 (21.6)	250 (10)	190 (7.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

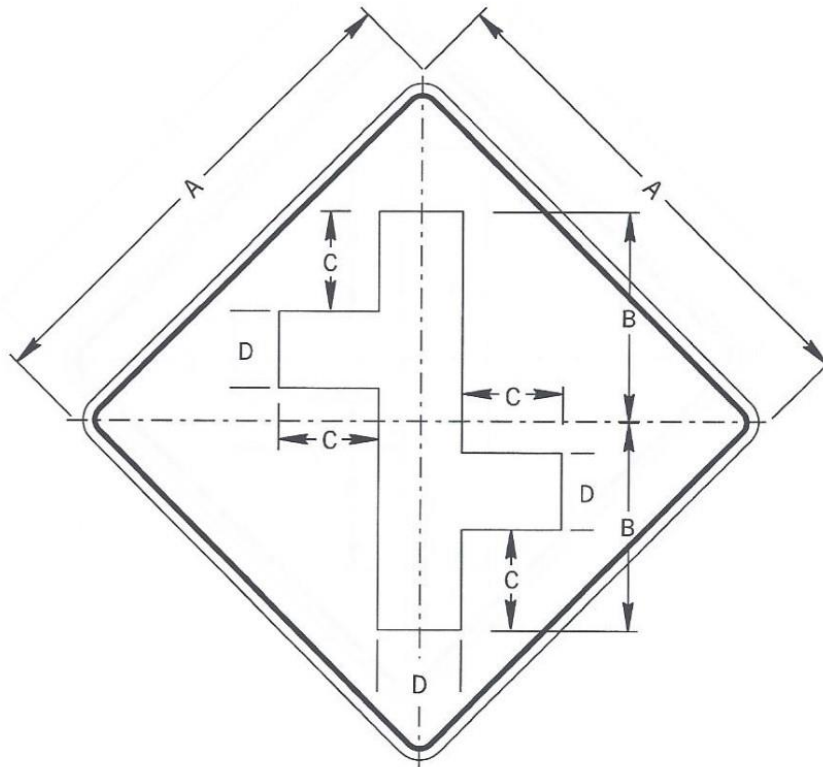
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-1-1R

OFFSET SIDE ROAD RIGHT SIGN

The Offset Side Road Right Sign (W2-1-1R) may be used on a through highway to indicate the presence of two offset side roads, the first of which is to the right and the second to the left, and which are separated by a distance greater than 15 m (50') but less than 150 m (500'). Its use should be restricted to those intersections having a high volume of traffic entering from the side roads and where poor sight distance or obscured entrances make it advisable that the intersections be called to the drivers' attention.

The (W2-1-1R) sign may also be used on the two side roads of the depicted intersection if both side roads have the same local road name or traffic route number and they are separated by a distance greater than 15 m (50') but less than 150 m (500'). In such cases, the W2-1-1R sign should be rotated 90 degrees.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	340 (13.6)	150 (6)	115 (4.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	540 (21.6)	250 (10)	190 (7.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

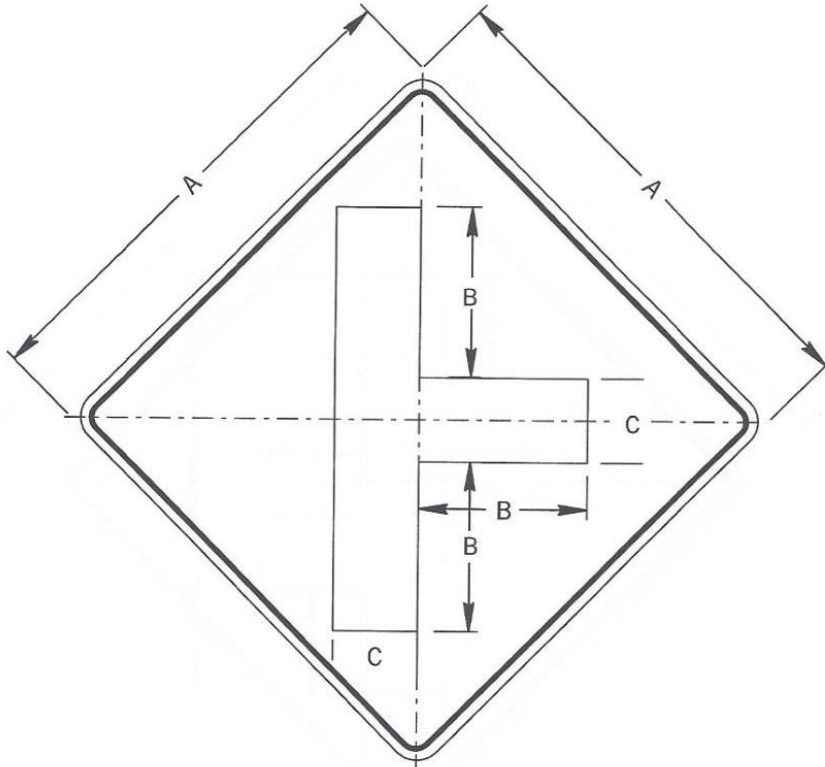
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-2

SIDE ROAD SIGN

The Side Road Sign (W2-2) shall be authorized for use in advance of a side road intersection. Its use should be restricted to intersections with roads that are improved to such an extent that there is likely to be a fairly large volume of traffic entering the through route and where poor sight distance or obscured entrances make it advisable that the intersection be called to the motorists' attention.

Too frequent use should be avoided. When an offset of two intersecting roads is more than 15 m (50'), two side road signs should be used.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	250 (10)	125 (5)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	400 (16)	200 (8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

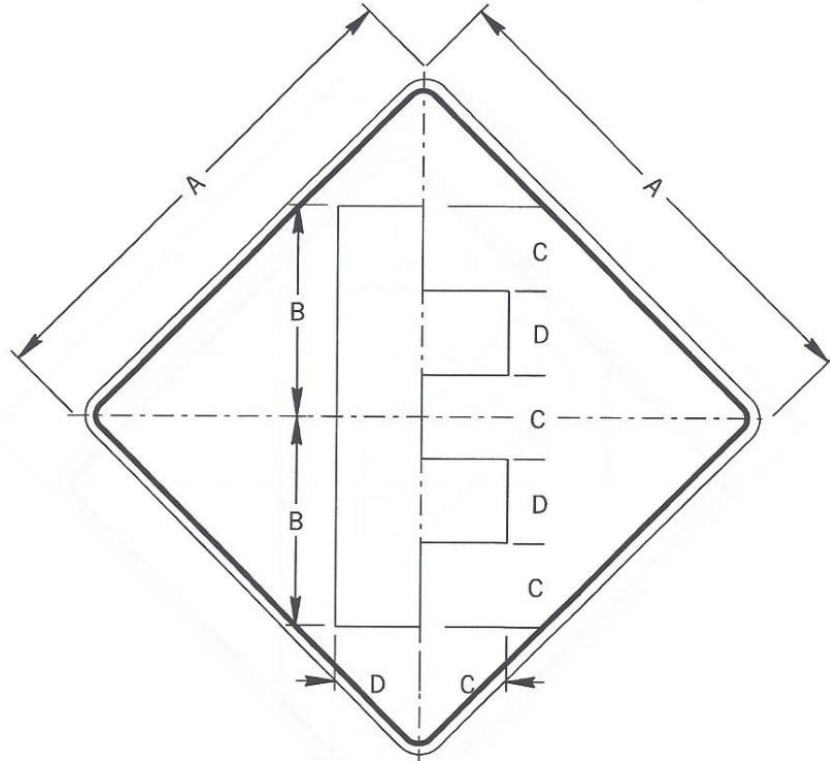
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-2D

DOUBLE SIDE ROAD SIGN

The Double Side Road Sign (W2-2D) may be used in advance of two side roads within 150 m (500') of each other on the same side of the road. Its use should be restricted to those intersections having a high volume of traffic on the side roads and where poor sight distance or obscured entrances make it advisable that the intersections be called to the drivers' attention.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	322 (12.85)	138 (5.5)	115 (4.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	508 (20.35)	212 (8.5)	190 (7.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

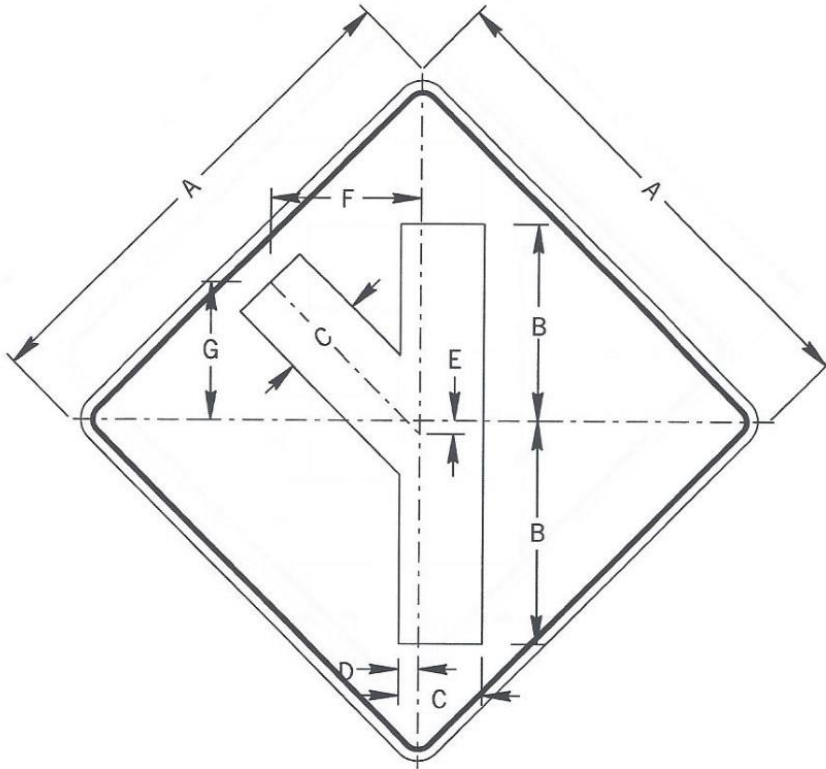
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-3L

45° SIDE ROAD LEFT SIGN

The 45° Side Road Left Sign (W2-3L) shall be authorized for use in advance of a side road intersecting at an acute angle on the left. Its use should be restricted to intersections with roads that are improved to such an extent that there is likely to be a fairly large volume of traffic entering the through route and where poor sight distance or obscured entrances make it advisable that the intersection be called to the motorists' attention.

The sign may be inverted to denote a side road intersecting at an obtuse angle on the right.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	315 (12.6)	125 (5)	30 (1.2)	17 (0.7)	225 (9)	208 (8.3)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	500 (20)	200 (8)	50 (2)	28 (1.1)	360 (14.4)	332 (13.3)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

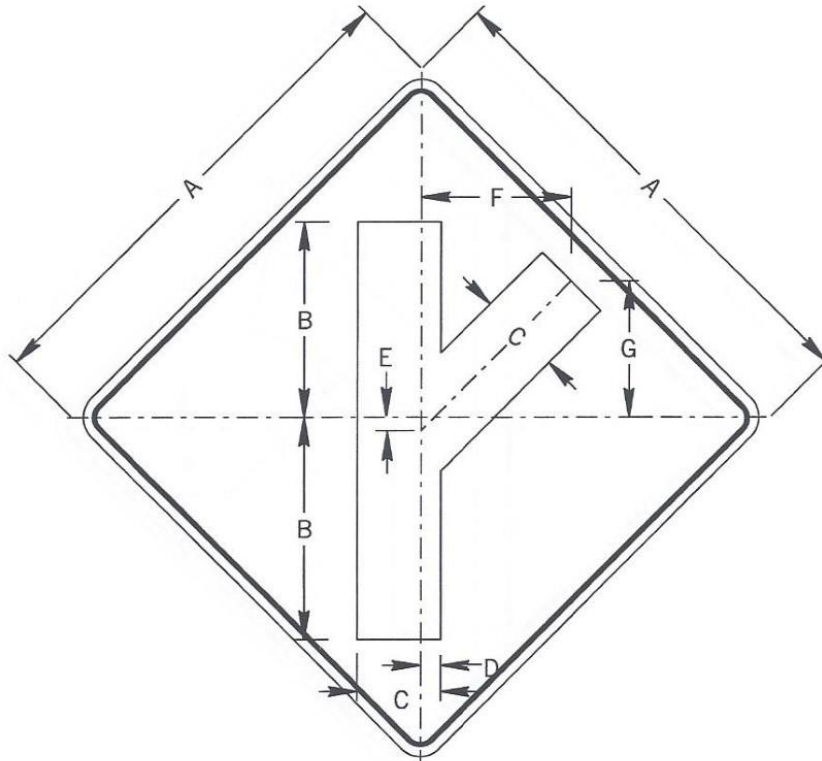
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-3R

45° SIDE ROAD RIGHT SIGN

The 45° Side Road Right Sign (W2-3R) shall be authorized for use in advance of a side road intersecting at an acute angle on the right. Its use should be restricted to intersections with roads that are improved to such an extent that there is likely to be a fairly large volume of traffic entering the through route and where poor sight distance or obscured entrances make it advisable that the intersection be called to the motorists' attention.

The sign may be inverted to denote a side road intersecting at an obtuse angle on the left.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	315 (12.6)	125 (5)	30 (1.2)	17 (0.7)	225 (9)	208 (8.3)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	500 (20)	200 (8)	50 (2)	28 (1.1)	360 (14.4)	332 (13.3)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

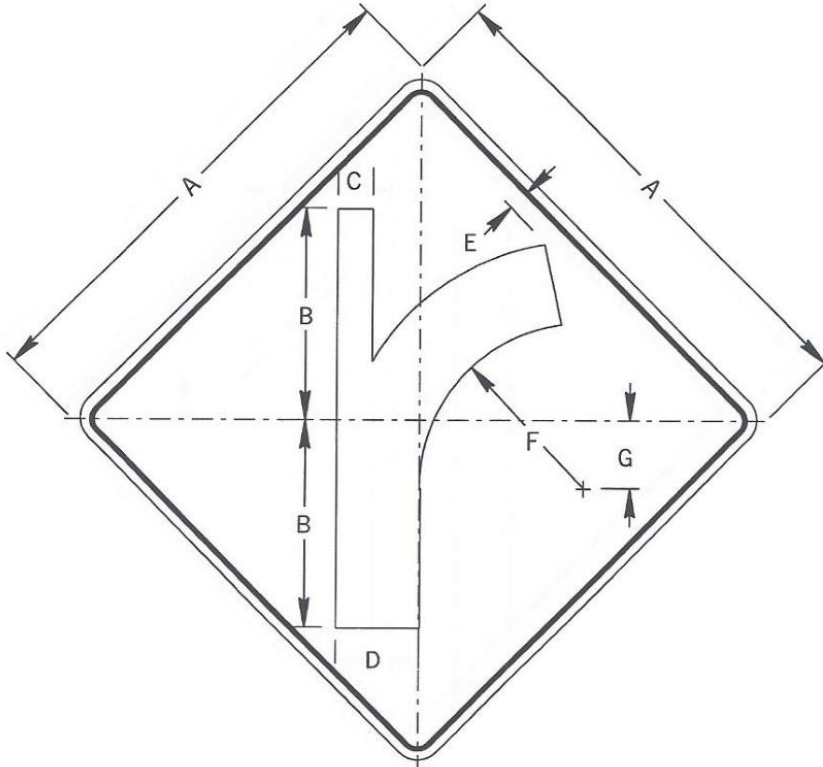
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-3-1L

CURVE – SIDE ROAD LEFT SIGN

The Curve – Side Road Left Sign (W2-3-1L) shall be authorized for use in advance of an intersection where the major highway curves to the right and the minor highway is straight ahead.

It may be used on any of the three legs of the depicted intersection by rotating it 90 or 180 degrees.



DIMENSIONS – mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	310 (12.4)	50 (2)	125 (5)	38 (1.5)	245 (9.8)	100 (4)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	500 (20)	80 (3.2)	200 (8)	60 (2.4)	390 (15.6)	160 (6.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

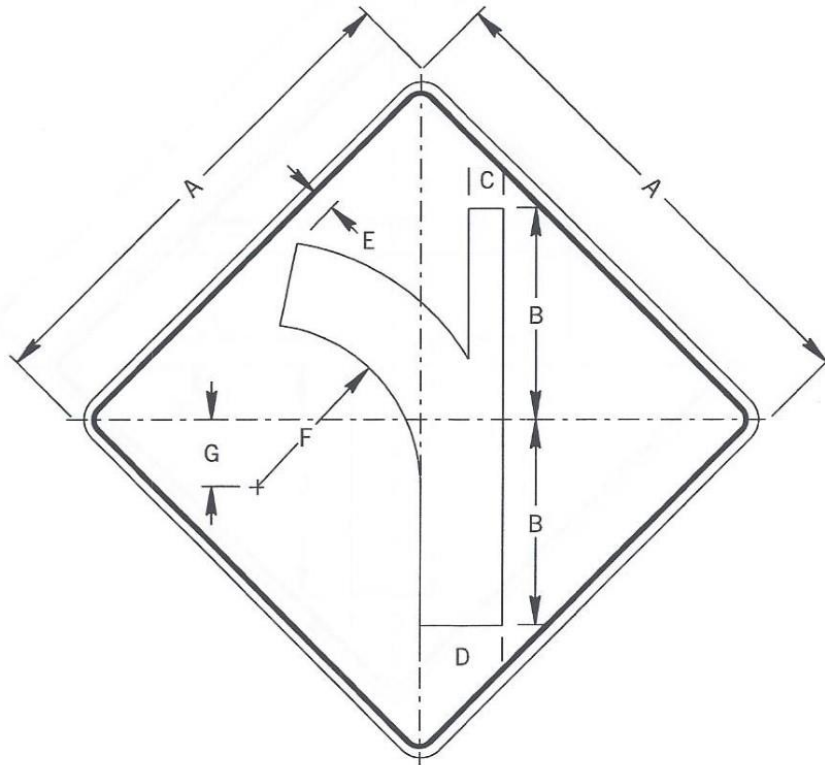
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-3-1R

CURVE – SIDE ROAD RIGHT SIGN

The Curve – Side Road Right Sign (W2-3-1R) shall be authorized for use in advance of an intersection where the major highway curves to the left and the minor highway is straight ahead.

It may be used on any of the three legs of the depicted intersection by rotating it 90 or 180 degrees.



DIMENSIONS – mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	310 (12.4)	50 (2)	125 (5)	38 (1.5)	245 (9.8)	100 (4)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	500 (20)	80 (3.2)	200 (8)	60 (2.4)	390 (15.6)	160 (6.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

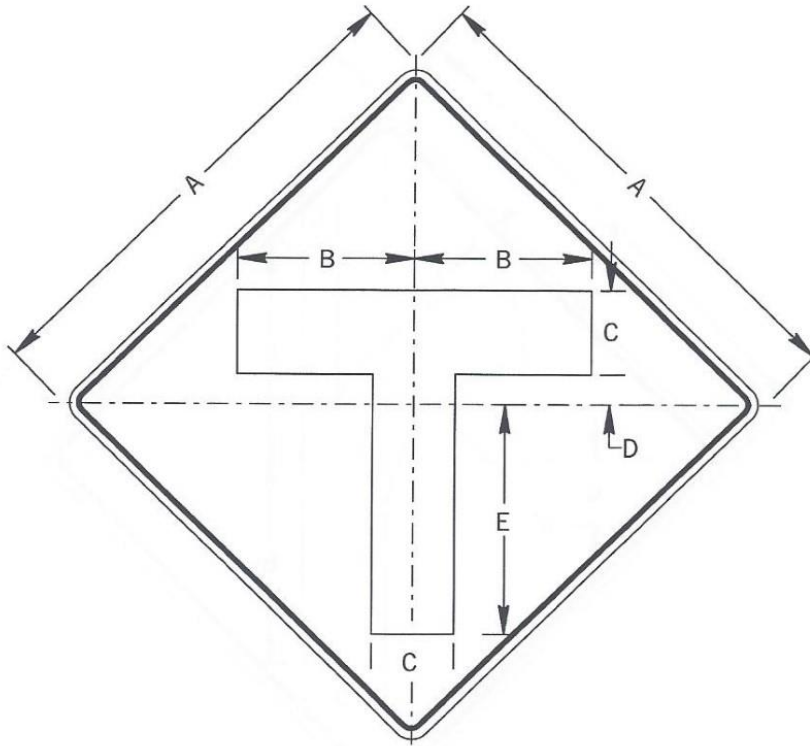
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-4

"T" SYMBOL SIGN

The "T" Symbol 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 - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	265 (10.6)	125 (5)	45 (1.8)	345 (13.8)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	425 (17)	200 (8)	75 (3)	550 (22)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

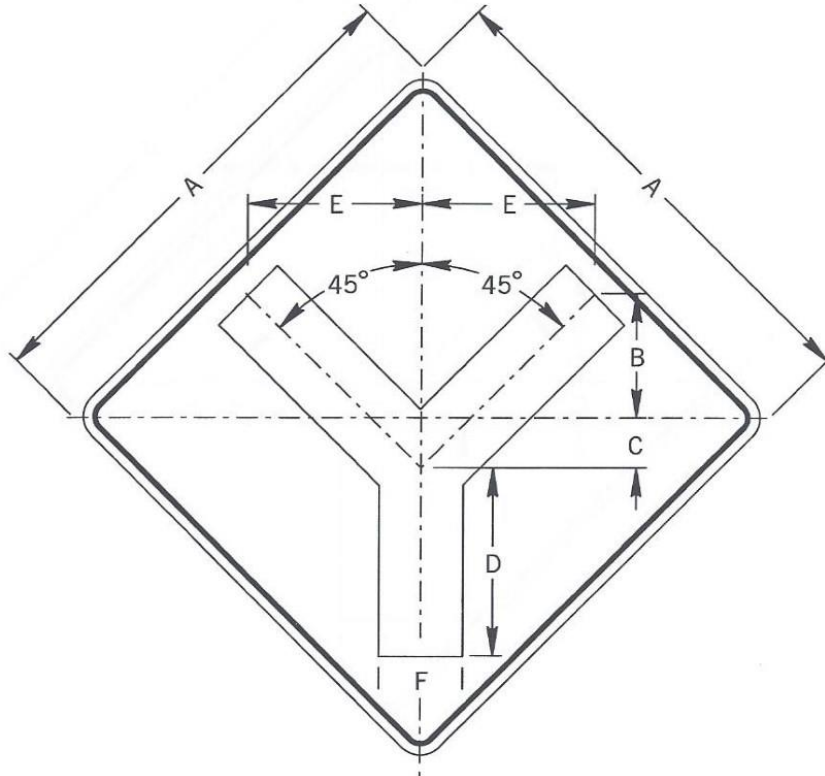
By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-5

"Y" SYMBOL SIGN

The "Y" Symbol 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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	185 (7.4)	75 (3)	285 (11.4)	260 (10.4)	125 (5)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	295 (11.8)	120 (4.8)	455 (18.2)	415 (16.6)	200 (8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

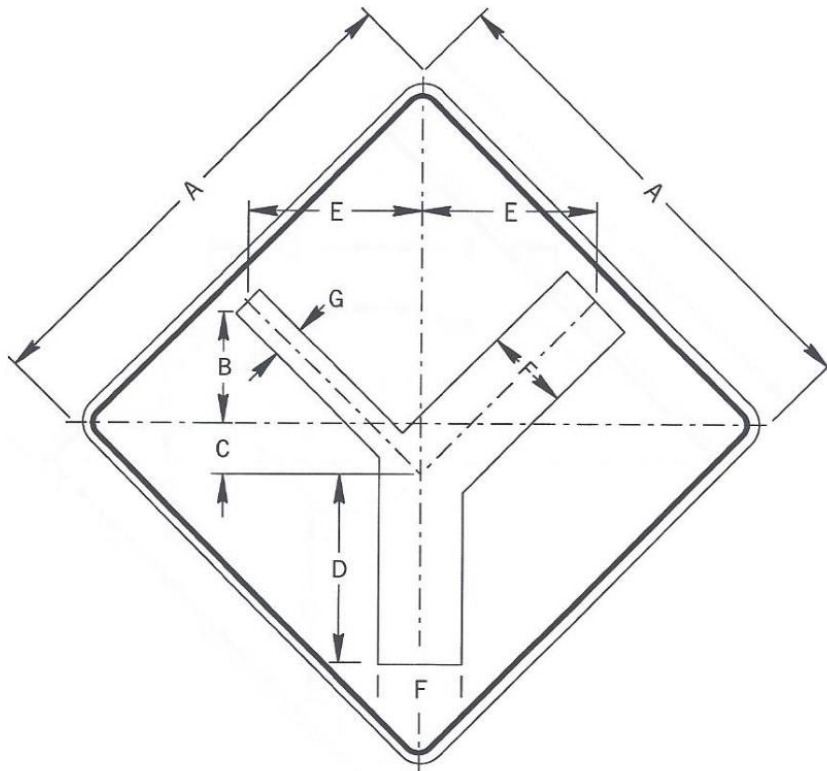
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-5-1L

"Y" SYMBOL SECONDARY LEFT SIGN

The "Y" Symbol Secondary Left Sign (W2-5-1L) shall be authorized for use to warn motorists approaching a "Y" intersection when the major highway bears to the right and the intersecting branch, bearing to the left, is a minor highway. It should not be used if there is any channelization present.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	185 (7.4)	75 (3)	285 (11.4)	260 (10.4)	125 (5)	50 (2)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	295 (11.8)	120 (4.8)	455 (18.2)	415 (16.6)	200 (8)	80 (3.2)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

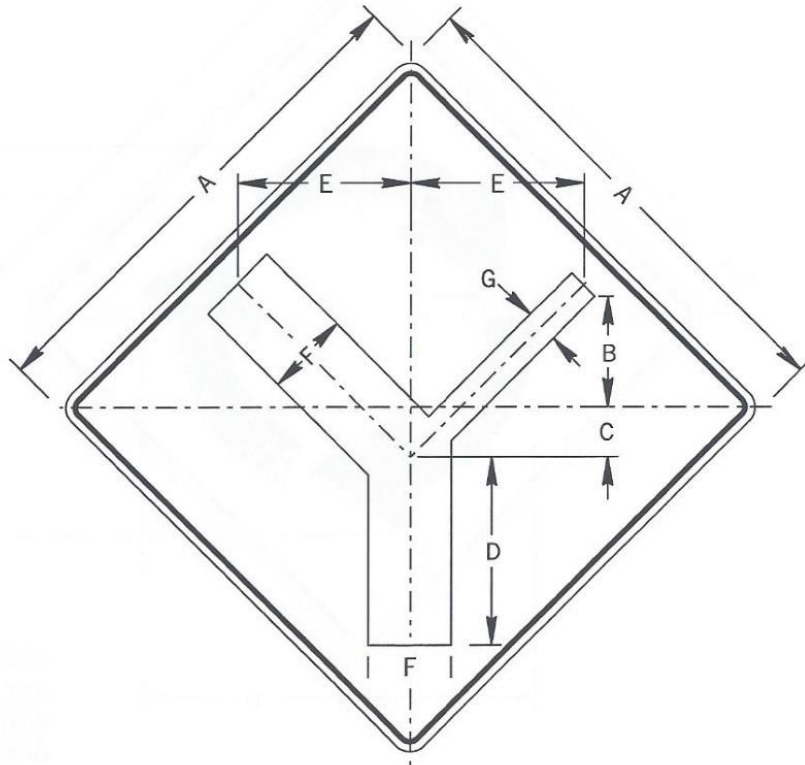
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W2-5-1R

"Y" SYMBOL SECONDARY RIGHT SIGN

The "Y" Symbol Secondary Right Sign (W2-5-1R) shall be authorized for use to warn motorists approaching a "Y" intersection when the major highway bears to the left and the intersecting branch, bearing to the right, is a minor highway. It should not be used if there is any channelization present.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	185 (7.4)	75 (3)	285 (11.4)	260 (10.4)	125 (5)	50 (2)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	295 (11.8)	120 (4.8)	455 (18.2)	415 (16.6)	200 (8)	80 (3.2)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

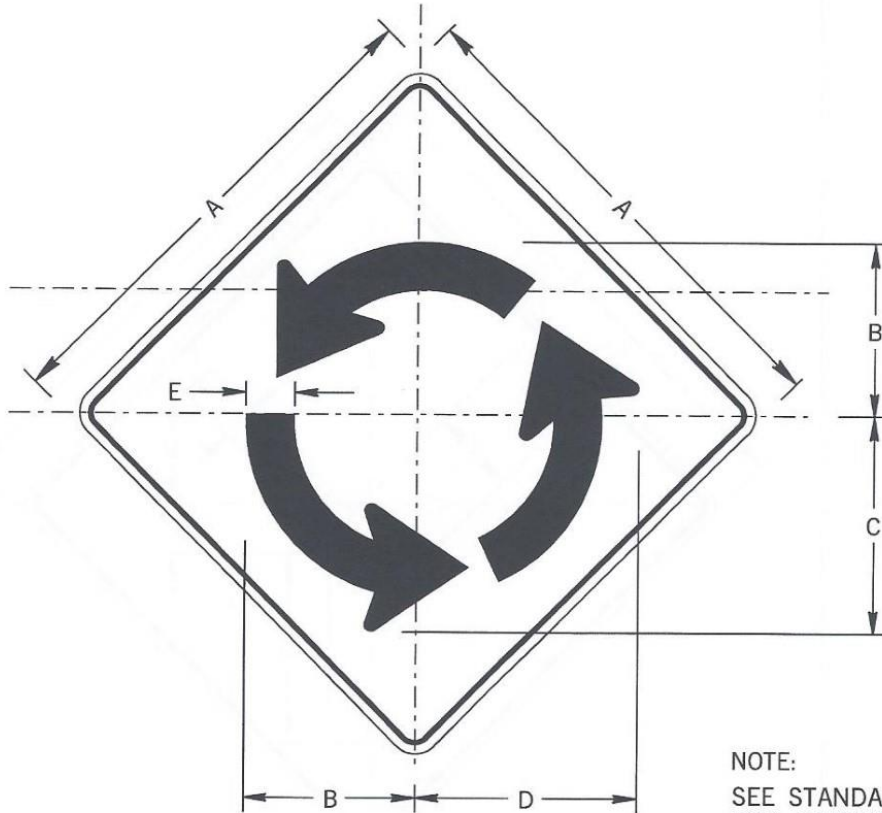
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	210 (8.4)	262 (10.5)	270 (10.8)	60 (2.4)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	262 (10.5)	327 (13.1)	337 (13.5)	76 (3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	315 (12.6)	394 (15.8)	405 (16.2)	90 (3.6)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	420 (16.8)	525 (21)	540 (21.6)	120 (4.8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

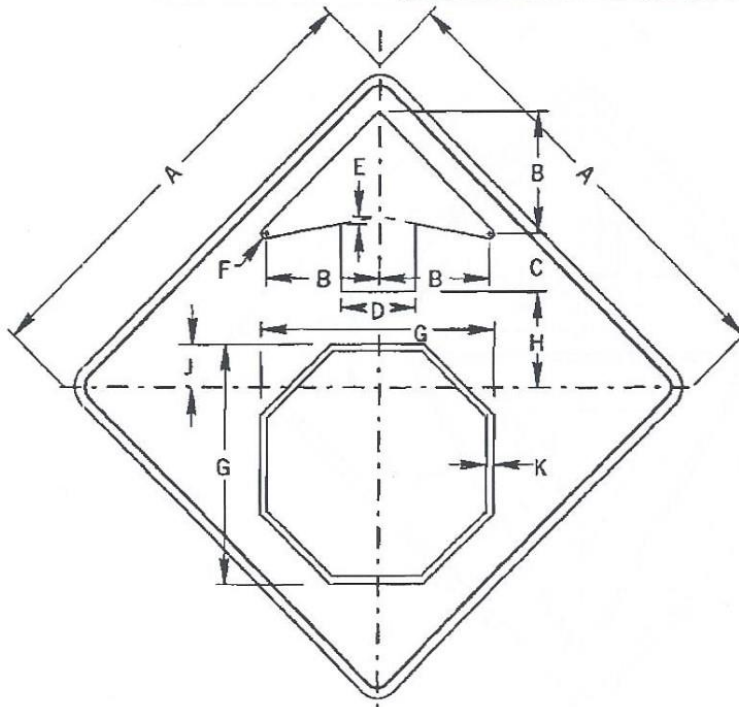
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W3-1

STOP AHEAD SIGN

The Stop Ahead Sign (W3-1) will be authorized for use in advance of a stop sign when physical conditions prevent the driver from having a continuous view of the stop sign for the following distances. Advance placement distance for the W3-1 sign will be based on Table 2c-4 Condition B of the MUTCD. When used in a work zone, the background color shall be orange.

85th Percentile Speed km/h (MPH)	Distance m (feet)	85th Percentile Speed km/h (MPH)	Distance m (feet)
30 (20)	35 (115)	65 (40)	95 (305)
40 (25)	50 (155)	70 (45)	105 (360)
50 (30)	65 (200)	80 (50)	130 (425)
55 (35)	75 (250)	90 (55)	160 (495)
		95 (60)	173 (570)



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	225 (9)	110 (4.4)	150 (6)	19 (0.8)	10 (0.4)	475 (19)	190 (7.6)	88 (3.5)	16 (0.6)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	300 (12)	150 (6)	200 (8)	25 (1)	13 (0.5)	640 (25.6)	250 (10)	112 (4.5)	19 (0.8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

SYMBOL BORDER:
WHITE (REFLECTORIZED)

SYMBOL BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

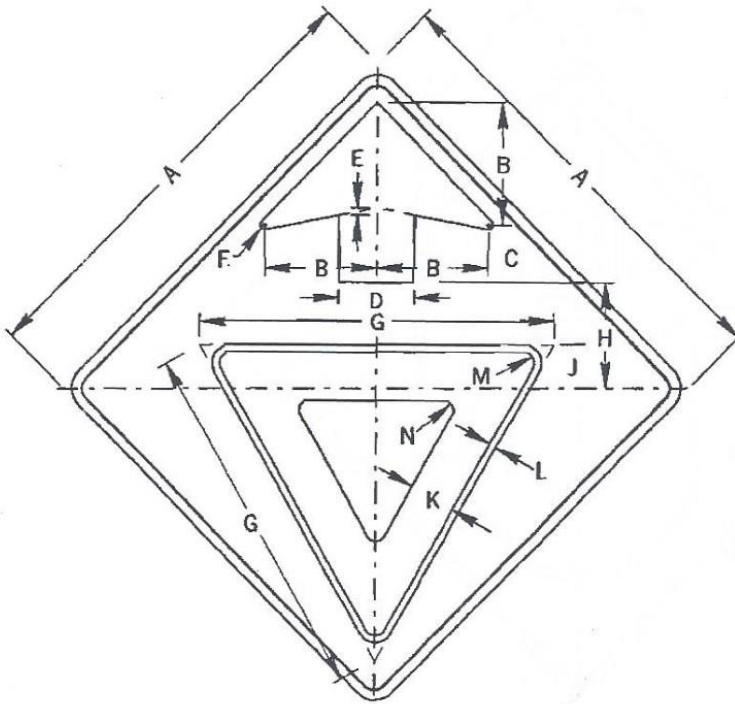
By: Jamie P. Tenaglia Date: 10-7-09
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 Table 2c-4, Condition B of the MUTCD. When used in a work zone, the background color shall be orange.

85th Percentile Speed km/h (MPH)	Distance m (feet)	85th Percentile Speed km/h (MPH)	Distance m (feet)
30 (20)	35 (115)	65 (40)	95 (305)
40 (25)	50 (155)	70 (45)	105 (360)
50 (30)	65 (200)	80 (50)	130 (425)
55 (35)	75 (250)	90 (55)	160 (495)
		95 (60)	173 (570)



DIMENSIONS - mm (IN)															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	225 (9)	110 (4.4)	150 (6)	19 (0.8)	10 (0.4)	700 (28)	190 (7.6)	88 (3.5)	95 (3.8)	16 (0.6)	35 (1.4)	20 (0.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	300 (12)	150 (6)	200 (8)	25 (1)	13 (0.5)	950 (38)	250 (10)	112 (4.5)	125 (5)	19 (0.8)	45 (1.8)	25 (1)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

SYMBOL BACKGROUND:
WHITE (REFLECTORIZED)

SYMBOL BORDER:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

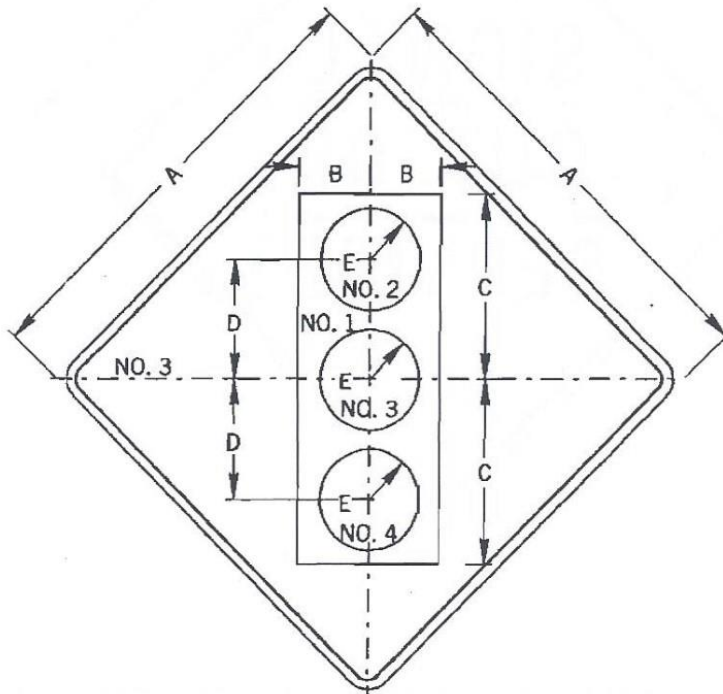
By: *Ann P. Unack* Date: 10-7-09
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W3-3

SIGNAL AHEAD SIGN

The Signal Ahead Sign (W3-3) shall be authorized for use in advance of any signalized location when physical conditions prevent the motorist from having a continuous view of at least two signal indications for the following distances. Advance placement distance for the W3-3 sign will be based on Table 2c-4, Condition B of the MUTCD.

85th Percentile Speed km/h (MPH)	Distance m (feet)	85th Percentile Speed km/h (MPH)	Distance m (feet)
30 (20)	50 (175)	65 (40)	120 (390)
40 (25)	65 (215)	70 (45)	140 (460)
50 (30)	85 (270)	80 (50)	165 (540)
55 (35)	100 (325)	90 (55)	195 (625)
		95 (60)	218 (715)



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	145 (5.8)	395 (15.8)	250 (10)	106 (4.2)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	190 (7.6)	500 (20)	310 (12.4)	125 (5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

- 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 (NO. 3):
YELLOW (REFLECTORIZED)

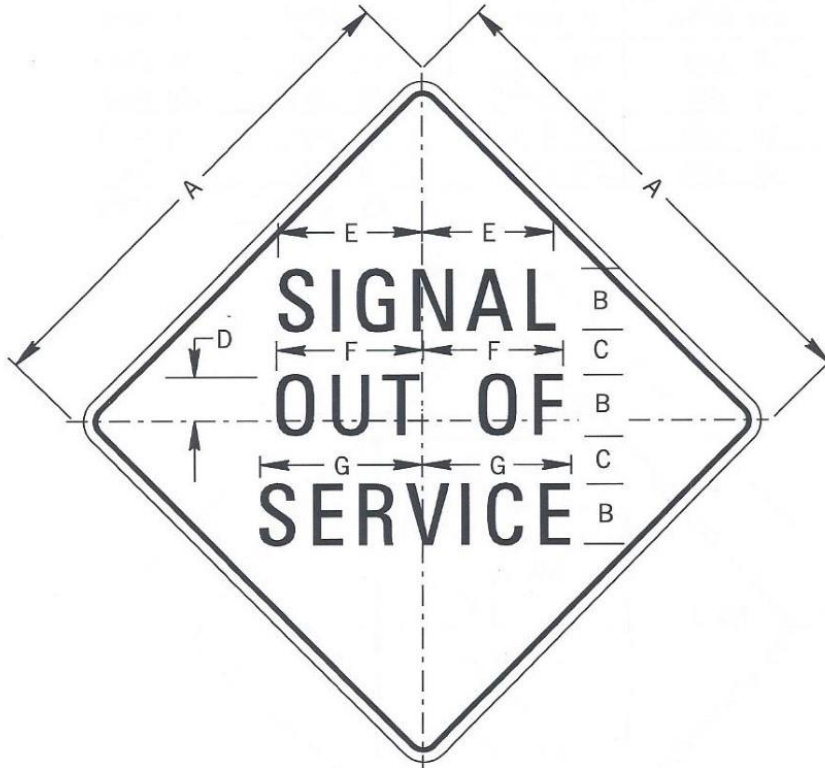
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: *James P. Tenaglia* Date: 10-7-69
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W3-3-3

SIGNAL OUT OF SERVICE SIGN

The Signal Out of Service Sign (W3-3-3) may be used in advance of a traffic signal which is temporarily out of service.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	75 (3)	80 (3.2)	246 (9.7)	272 (10.8)	285 (11.3)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175C (7C)	100 (4)	110 (4.4)	345 (13.6)	380 (15)	399 (15.7)	20 (0.8)	25 (1)	B3-1200 (B1-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Row Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	100 (4)	80 (3.1)	361 (14.2)	315 (12.5)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175C (7C)	135 (5.4)	112 (4.4)	504 (19.8)	440 (17.3)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W3-4A

POLICE CONTROL AHEAD SIGN

(a) Justification. The Police Control Ahead Sign (W3-4A) may be used in advance of a location where traffic is controlled by a uniformed police officer. Its use should be limited to locations where drivers do not have good sight distance to the officer or would not expect police control. The W3-4A sign shall be removed or covered when its message does not apply, or it shall be supplemented with an Effective Hours Panel (W14-20).

(b) Placement. When used, the W3-4A sign should be placed 75 m (250') to 225 m (750') in advance of the officer.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	80 (3.2)	238 (9.4)	312 (12.4)	223 (8.8)	63 (2.5)	15 (0.6)	15 (0.6)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	285 (11.2)	373 (14.7)	267 (10.6)	75 (3)	20 (0.8)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

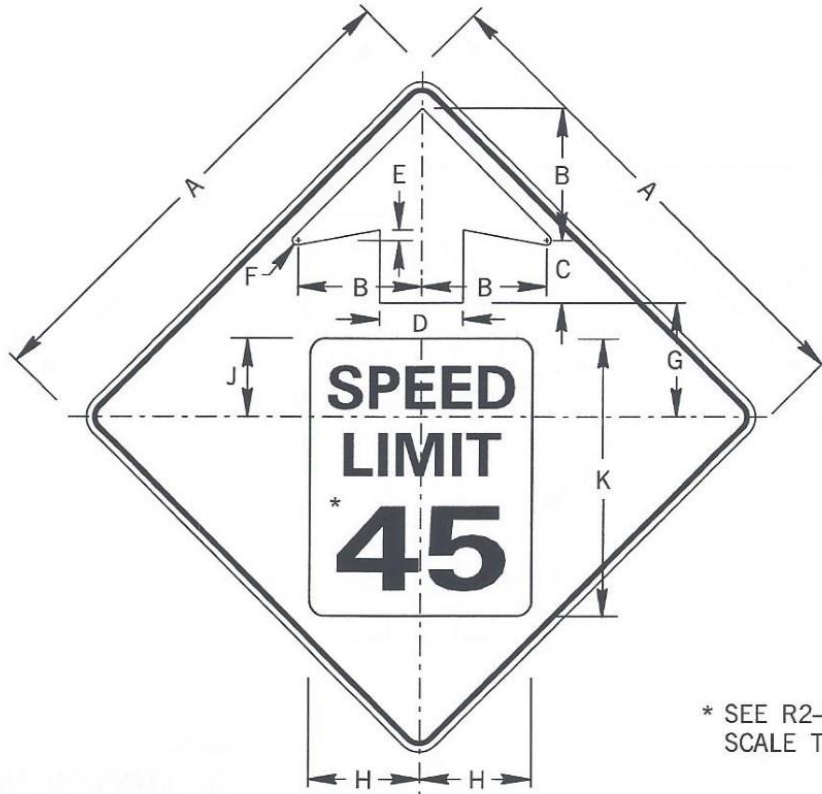
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W3-5

SPEED REDUCTION SIGN

(a) Justification. A Speed Reduction Sign (W3-5) should be used to inform road users of a reduced regulatory speed limit. The W3-5 sign is not required when the speed reduction is 10 MPH or less, or begins at an intersection and all traffic entering the roadway with the speed reduction has to either stop at a stop sign or make a turn. The W3-5 sign should not be used in advance of a variable speed limit.

(b) Placement. When used, the W3-5 sign should be installed 150 m (500') to 300 m (1,000') in advance of the first reduced speed limit sign.



* SEE R2-1 SIGN AND SCALE TO FIT

DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	188 (7.5)	90 (3.6)	125 (5)	16 (0.6)	8 (0.3)	158 (6.3)	170 (6.8)	120 (4.8)	425 (17)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
900 x 900 (36" x 36")	225 (9)	110 (4.4)	150 (6)	19 (0.8)	10 (0.4)	190 (7.6)	205 (8.2)	145 (5.8)	510 (20.4)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	300 (12)	150 (6)	200 (8)	25 (1)	13 (0.5)	250 (10)	275 (11)	195 (7.8)	685 (27.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

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

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

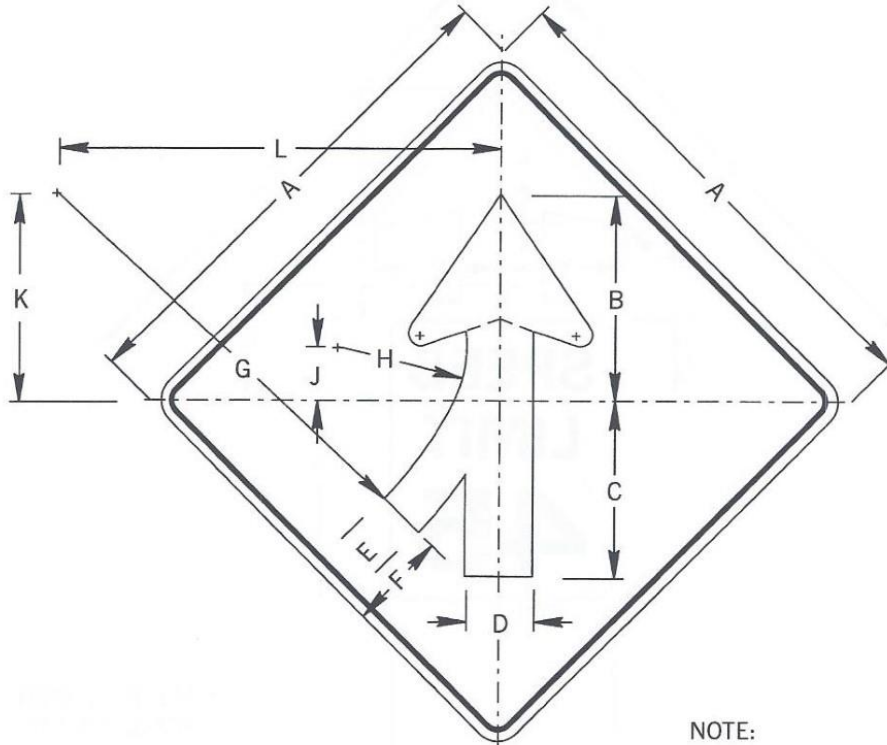
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-1L

MERGE LEFT SIGN

(a) Justification. The Merge Left Sign (W4-1L) may be used to warn drivers that merging movements may be encountered from the left when two roadways converge and no turning conflicts occur.

(b) Placement. The W4-1L sign should be erected on the side of the major roadway on which merging traffic will be encountered and in such a position as not to obstruct the driver's view of vehicles on the entering roadway. An additional sign may be placed on the entering roadway when needed.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	395 (15.8)	330 (13.2)	130 (5.2)	90 (3.6)	158 (6.3)	840 (33.6)	240 (9.6)	100 (4)	390 (15.6)	830 (33.2)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	515 (20.6)	440 (17.6)	175 (7)	120 (4.8)	210 (8.4)	1125 (45)	320 (12.8)	130 (5.2)	520 (20.8)	1112 (44.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

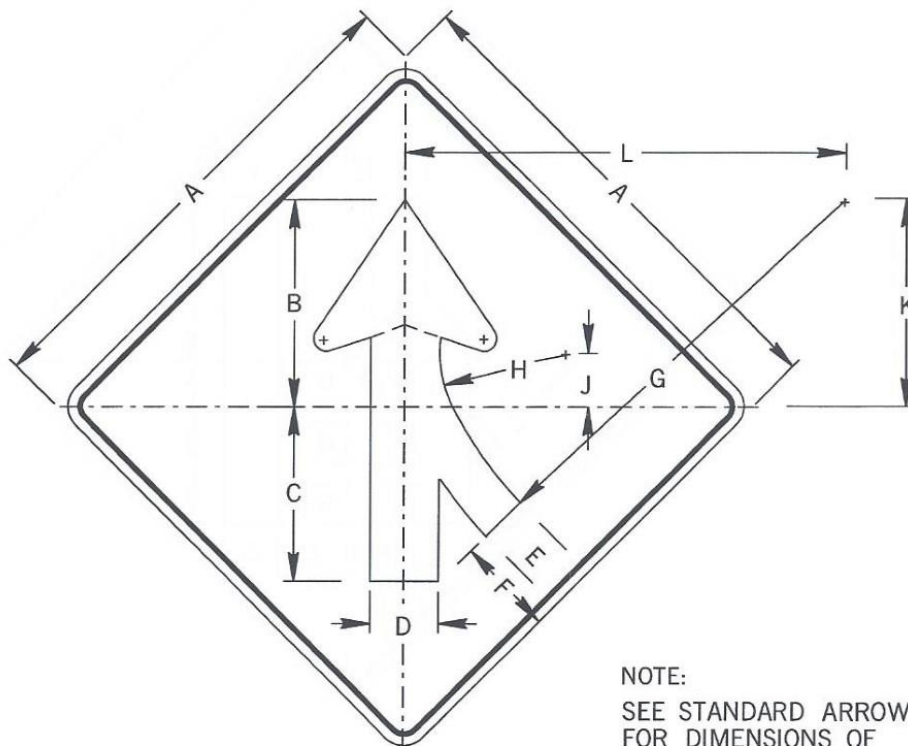
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-1R

MERGE RIGHT SIGN

(a) Justification. The Merge Right Sign (W4-1R) may be used to warn drivers that merging movements may be encountered from the right when two roadways converge and no turning conflicts occur.

(b) Placement. The W4-1R sign should be erected on the side of the major roadway on which merging traffic will be encountered and in such a position as not to obstruct the driver's view of vehicles on the entering roadway. An additional sign may be placed on the entering roadway when needed.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	395 (15.8)	330 (13.2)	130 (5.2)	90 (3.6)	158 (6.3)	840 (33.6)	240 (9.6)	100 (4)	390 (15.6)	830 (33.2)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	515 (20.6)	440 (17.6)	175 (7)	120 (4.8)	210 (8.4)	1125 (45)	320 (12.8)	130 (5.2)	520 (20.8)	1112 (44.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

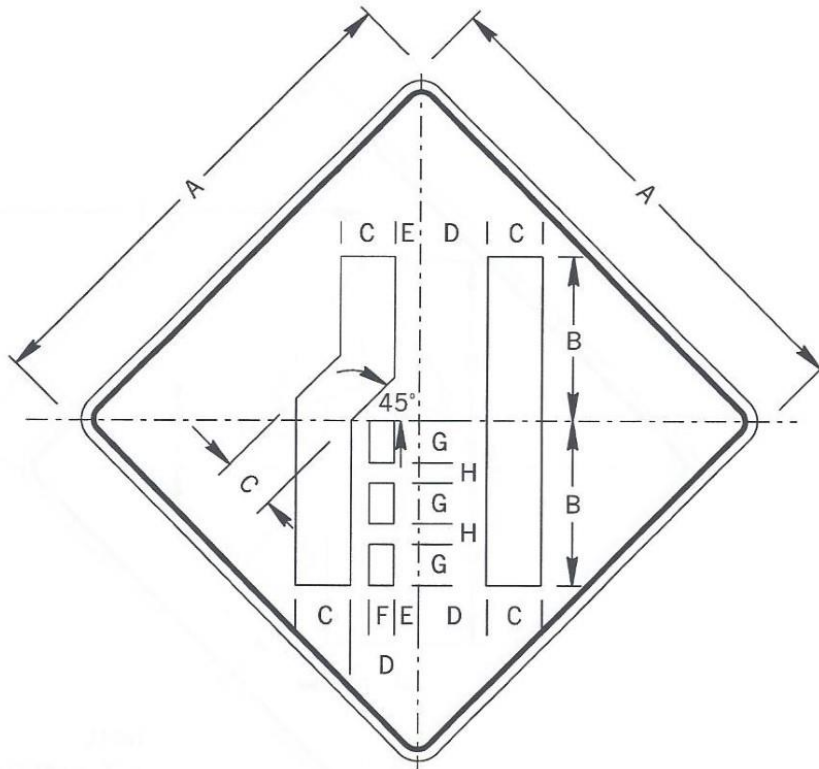
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-2L

PAVEMENT WIDTH TRANSITION – LEFT LANE ENDS SIGN

(a) Justification. The Pavement Width Transition – Left Lane Ends 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 – mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	300 (12)	100 (4)	125 (5)	25 (1)	45 (1.8)	75 (3)	38 (1.5)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	400 (16)	135 (5.4)	168 (6.7)	32 (1.3)	60 (2.4)	100 (4)	50 (2)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

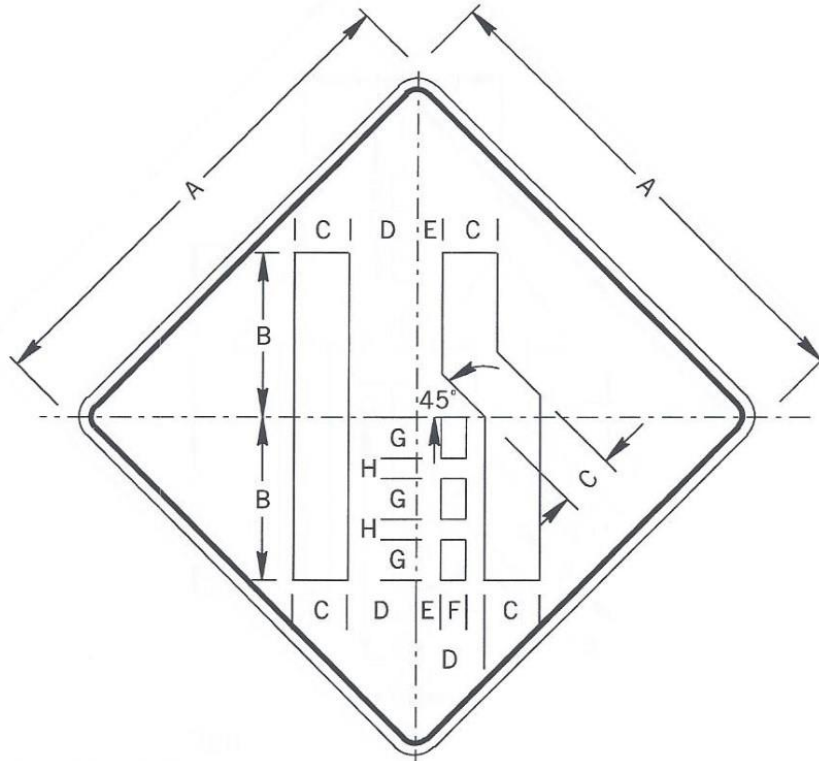
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-2R

PAVEMENT WIDTH TRANSITION – RIGHT LANE ENDS SIGN

(a) Justification. The Pavement Width Transition – Right Lane Ends 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 – mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	300 (12)	100 (4)	125 (5)	25 (1)	45 (1.8)	75 (3)	38 (1.5)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	400 (16)	135 (5.4)	168 (6.7)	32 (1.3)	60 (2.4)	100 (4)	50 (2)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

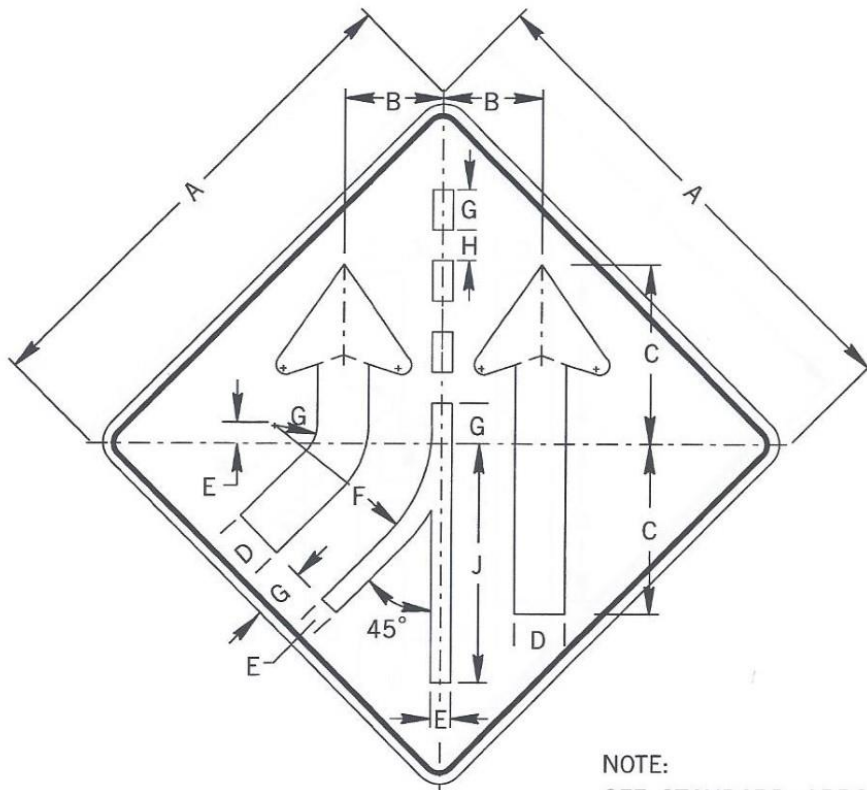
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-3L

LEFT ADDED LANE SIGN

The Left Added Lane Sign (W4-3L) may be used in advance of a point where a lane is added on the left and merging movements are not required. When used, this sign should be erected in advance of the point of convergence and should be visible from both roadways or a separate sign should be placed on each roadway.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	250 (10)	425 (17)	140 (5.6)	50 (2)	395 (15.8)	100 (4)	75 (3)	600 (24)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

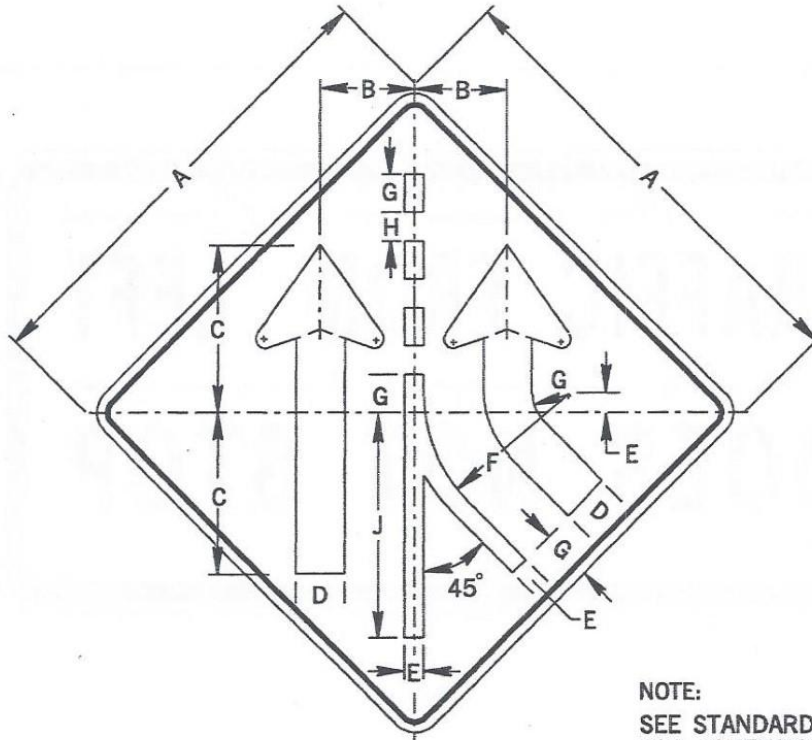
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-3R

RIGHT ADDED LANE SIGN

The Right Added Lane Sign (W4-3R) may be used in advance of a point where a lane is added on the right and merging movements are not required. When used, this sign should be erected in advance of the point of convergence and should be visible from both roadways or a separate sign should be placed on each roadway.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	250 (10)	425 (17)	140 (5.6)	50 (2)	395 (15.8)	100 (4)	75 (3)	600 (24)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

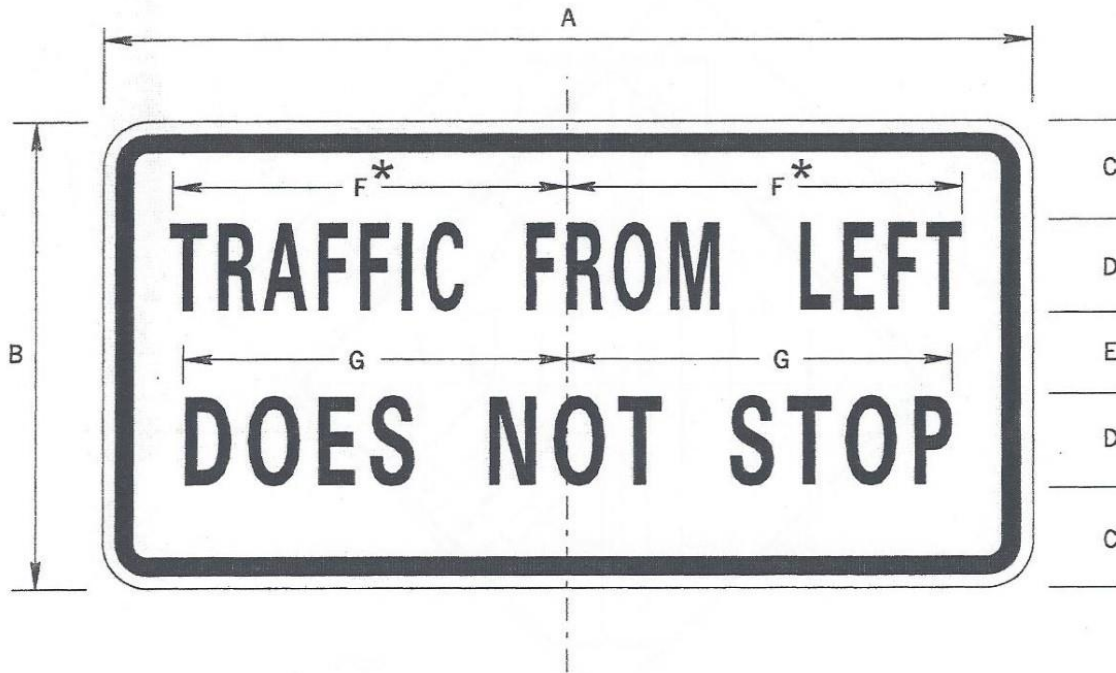
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-4A

TRAFFIC FROM LEFT DOES NOT STOP

The Traffic From Left Does Not Stop Sign (W4-4A) may be used beneath a Stop Sign (R1-1) when engineering judgement indicates that conditions are present that are causing or could cause motorists to misinterpret the intersection as an multi-way stop. Alternate messages are shown in sign standards for the Cross Traffic Does Not Stop Sign (W4-4P) and the Oncoming Traffic Does Not Stop Sign (W4-4B).



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F*	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 375 (30" x 15")	80 (3.5)	75B (3B)	65 (2)	318 (12.6)	300 (11.9)	10 (0.4)	10 (0.4)	B5-750375 (B5-3015)
900 X 450 (36" X 18")	100 (4)	88B (3.5B)	74 (3)	364 (14.4)	350 (13.8)	15 (0.6)	15 (0.6)	B5-900450 (B5-3618)

* REDUCE SPACING 20%.

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

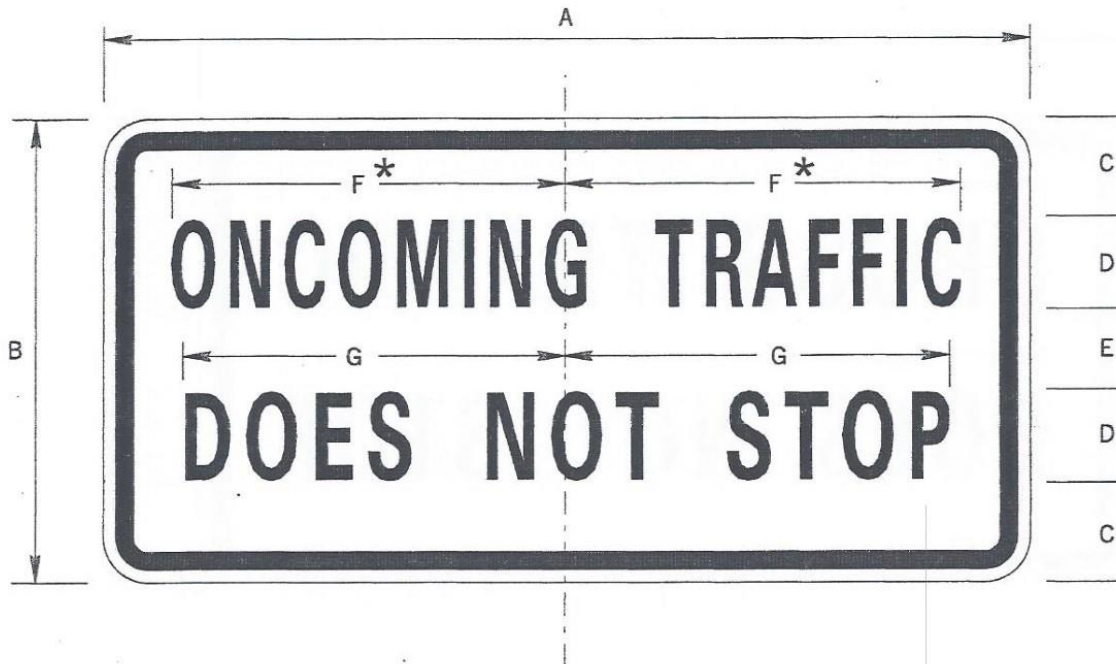
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-4B

ONCOMING TRAFFIC DOES NOT STOP

The Oncoming Traffic Does Not Stop Sign (W4-4B) may be used beneath a Stop Sign (R1-1) when engineering judgement indicates that conditions are present that are causing or could cause motorists to misinterpret the intersection as an multi-way stop. Alternate messages are shown in sign standards for the Traffic From Left Does Not Stop Sign (W4-4A) and the Cross Traffic Does Not Stop Sign (W4-4P).



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F *	G	MAR- GIN	BOR- DER	BLANK STD.	
750 x 375 (30" x 15")	80 (3.5)	75B (3B)	65 (2)	319 (12.6)	300 (11.9)	10 (0.4)	10 (0.4)	B5-750375 (B5-3015)	
900 X 450 (36" X 18")	100 (4)	88B (3.5B)	74 (3)	372 (14.7)	350 (13.8)	15 (0.6)	15 (0.6)	B5-900450 (B5-3618)	

* REDUCE SPACING 20%.

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W4-4P

CROSS TRAFFIC DOES NOT STOP

The Cross Traffic Does Not Stop Sign (W4-4P) may be used beneath a Stop Sign (R1-1) when engineering judgement indicates that conditions are present that are causing or could cause motorists to misinterpret the intersection as an multi-way stop. Alternate messages are shown in sign standards for the Traffic From Left Does Not Stop Sign (W4-4A) and the Oncoming Traffic Does Not Stop Sign (W4-4B).



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 375 (30" x 15")	80 (3.5)	75B (3B)	65 (2)	277 (11)	300 (11.9)	10 (0.4)	10 (0.4)	B5-750375 (B5-3015)
900 X 450 (36" X 18")	100 (4)	88B (3.5B)	74 (3)	323 (12.8)	350 (13.8)	15 (0.6)	15 (0.6)	B5-900450 (B5-3618)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

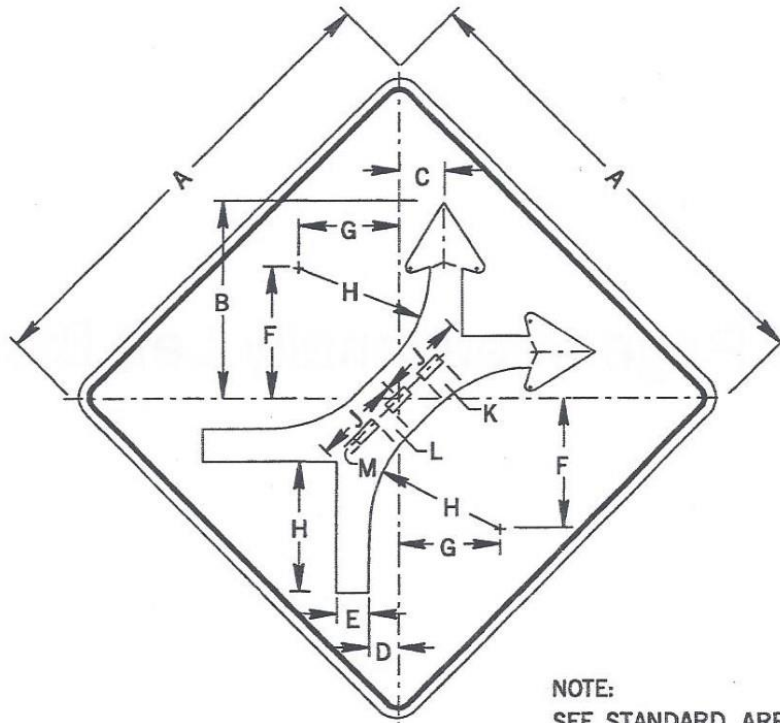
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	379 (15.2)	91 (3.6)	60 (2.4)	62 (2.5)	253 (10.1)	190 (7.6)	250 (10)	173 (6.9)	50 (2)	38 (1.5)	20 (0.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

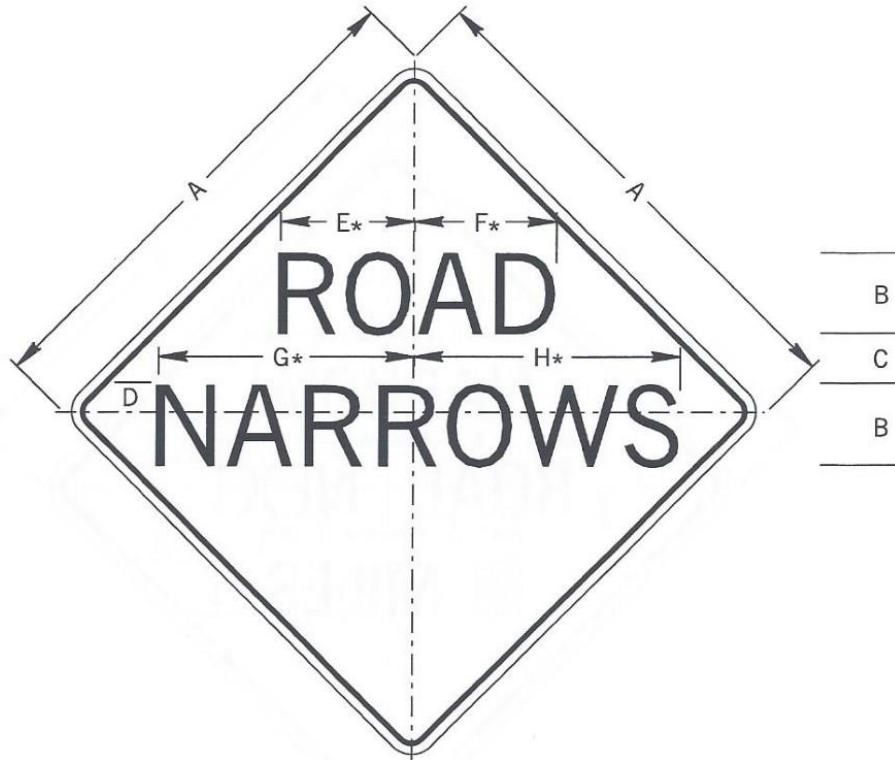
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-1

ROAD NARROWS SIGN

The Road Narrows Sign (W5-1) shall be authorized for use in advance of a transition on two-lane roads when the pavement width is reduced abruptly to a width such that two vehicles cannot pass safely without reducing speed.



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150D (6D)	90 (3.6)	50 (2)	244 (9.7)	258 (10.1)	447 (17.6)	461 (18.2)	15 (0.6)	20 (0.8)	B3-900 (B3-36)

*REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-1-1

NARROW ROAD NEXT () MILES SIGN

(a) Justification. The Narrow Road Next () Miles Sign (W5-1-1) may be used to warn drivers of the general nature of roadways when the roadway is less than 4.9 m (16') wide and other factors such as alignment, poor sight distance, or inadequate shoulders exist. The appropriate distance should be shown on the sign.

(b) Placement. When used, the W5-1-1 sign may be placed at the beginning of the applicable section of roadway and following intersections with major roadways.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	70 (2.8)	285 (11.3)	408 (16.1)	298 (11.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-2

NARROW BRIDGE SIGN

The Narrow Bridge Sign (W5-2) may be used to warn of a two-lane bridge or culvert having a clear two-way roadway width of 4.9 m (16') to 5.5 m (18'), or any bridge or culvert having a two-way roadway clearance less than the width of the approach travel lanes. The W5-2 sign may be used in advance of a bridge or culvert on which the approach shoulders are narrowed or eliminated.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150D (6D)	75 (3)	411 (16.3)	349 (13.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200D (8D)	100 (4)	551 (21.7)	467 (18.4)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

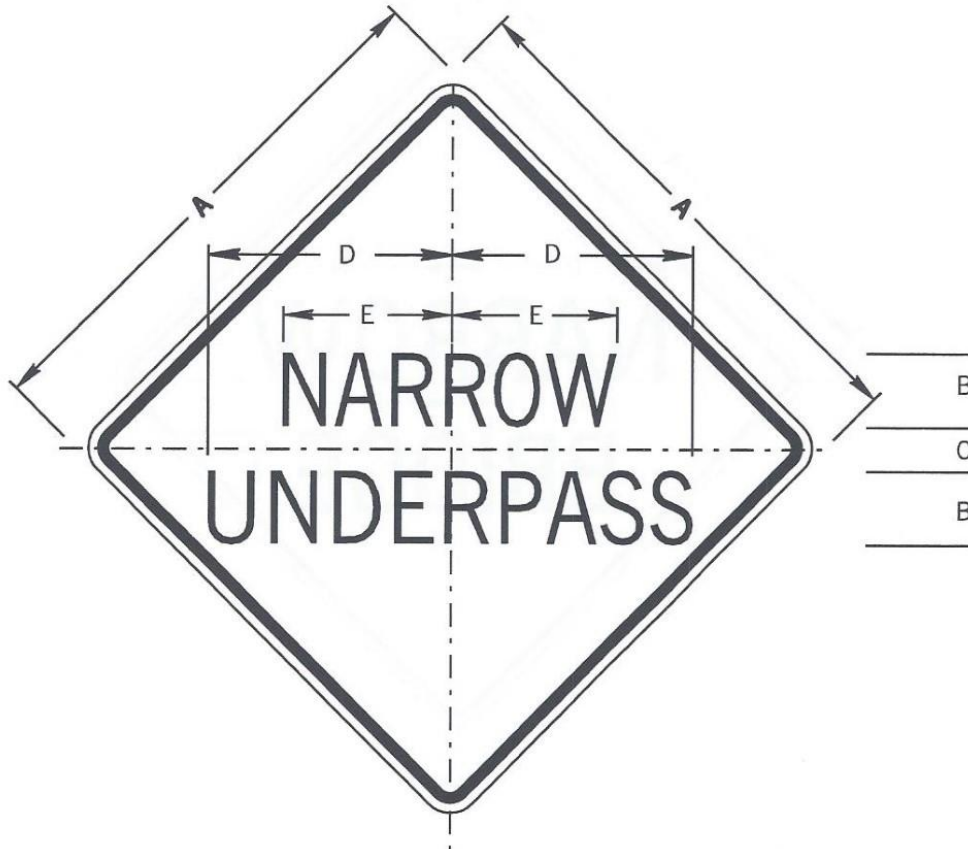
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-2A

NARROW UNDERPASS SIGN

The Narrow Underpass Sign (W5-2A) may be used to warn of an underpass having a clear two-way roadway width of 4.9 m (16') to 5.5 m (18'), or any underpass having a two-way roadway clearance less than the width of the approach travel lanes. The W5-2A sign may be used in advance of a underpass on which the approach shoulders are narrowed or eliminated.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750x750 (30"x30")	100C (4C)	75 (3)	227 (8.9)	329 (12.9)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
900x900 (36"x36")	125C (5C)	75 (3)	284 (11.2)	411 (16.2)	15 (0.6)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-3

ONE LANE BRIDGE SIGN

The One Lane Bridge Sign (W5-3) may be used to identify two-way bridges having a clear roadway width of less than 5.5 m (18'). In addition, the W5-3 sign may be used to identify two-way bridges having a clear roadway width of 5.5 m (18') or more if the approach roadway geometrics create an effective width so that vehicles cannot pass each other.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150C (6C)	100 (4)	410 (16.2)	292 (11.5)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200C (8C)	125 (5)	548 (21.6)	390 (15.4)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

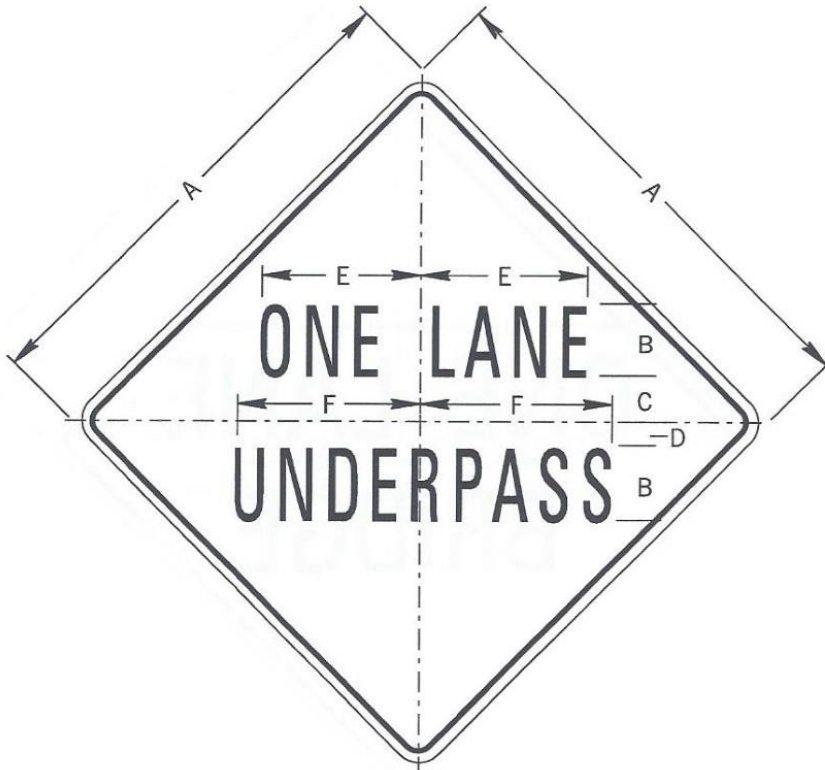
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-3A

ONE LANE UNDERPASS SIGN

The One Lane Underpass Sign (W5-3A) may be used to identify two-way underpasses having a clear roadway width of less than 5.5 m (18'). In addition, the W5-3A sign may be used to identify two-way underpasses having a clear roadway width of 5.5 m (18') or more if the approach roadway geometrics create an effective width so that vehicles can not safely pass each other.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	30 (1.2)	359 (14.1)	412 (16.2)	15 (0.6)	15 (0.6)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	75 (3)	38 (1.5)	429 (16.9)	492 (19.4)	20 (0.8)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

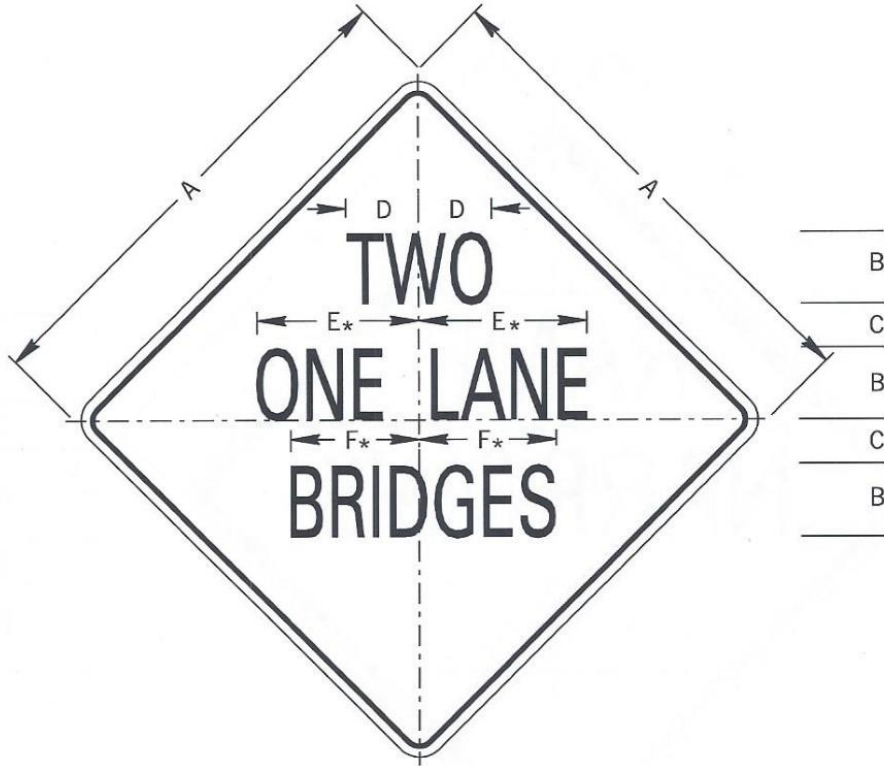
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-3B

TWO ONE LANE BRIDGES SIGN

The Two One Lane Bridges Sign (W5-3B) may be used in advance of two closely spaced one lane bridges.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150C (6C)	75 (3)	157 (6.2)	394 (15.5)	324 (12.7)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200C (8C)	100 (4)	208 (8.2)	526 (20.8)	433 (17.1)	20 (0.8)	25 (1)	B3-1200 (B3-48)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

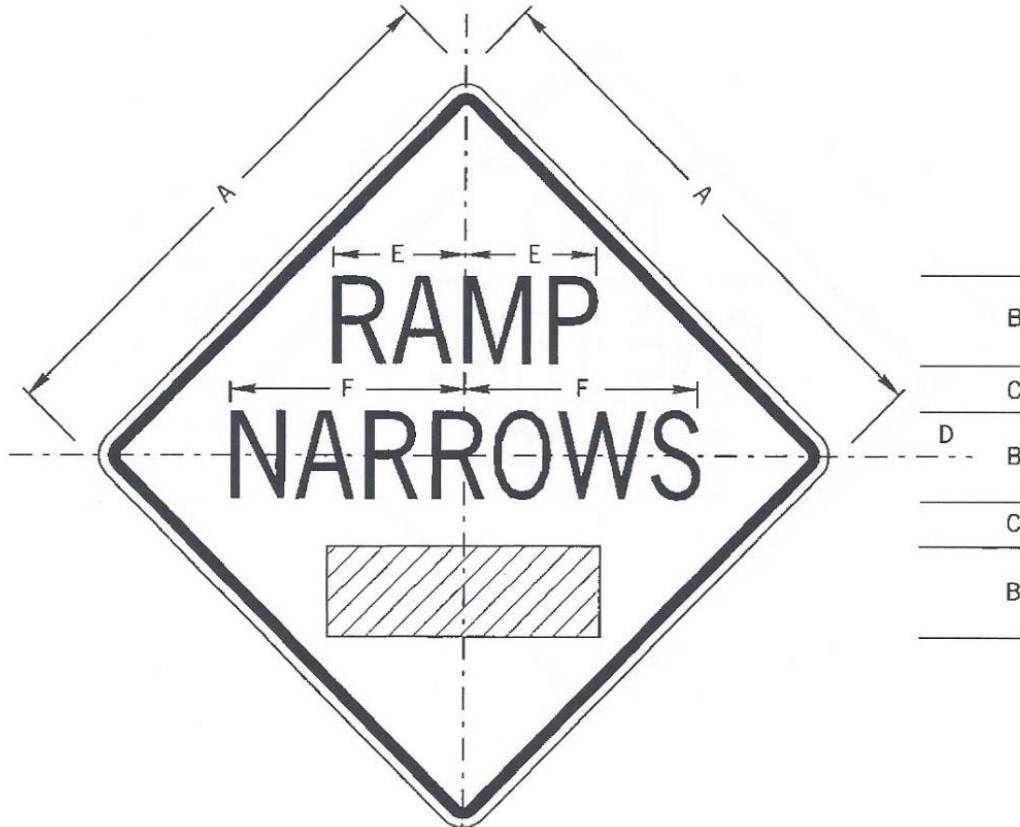
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-4

RAMP NARROWS SIGN

The Ramp Narrows Sign (W5-4) may be used where ramps narrow. 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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD
900 x 900 (36" x 36")	150C (6C)	75 (3)	75 (3)	222 (8.8)	39.5 (15.6)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200C (8C)	125 (5)	100 (4)	297 (11.7)	528 (20.8)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

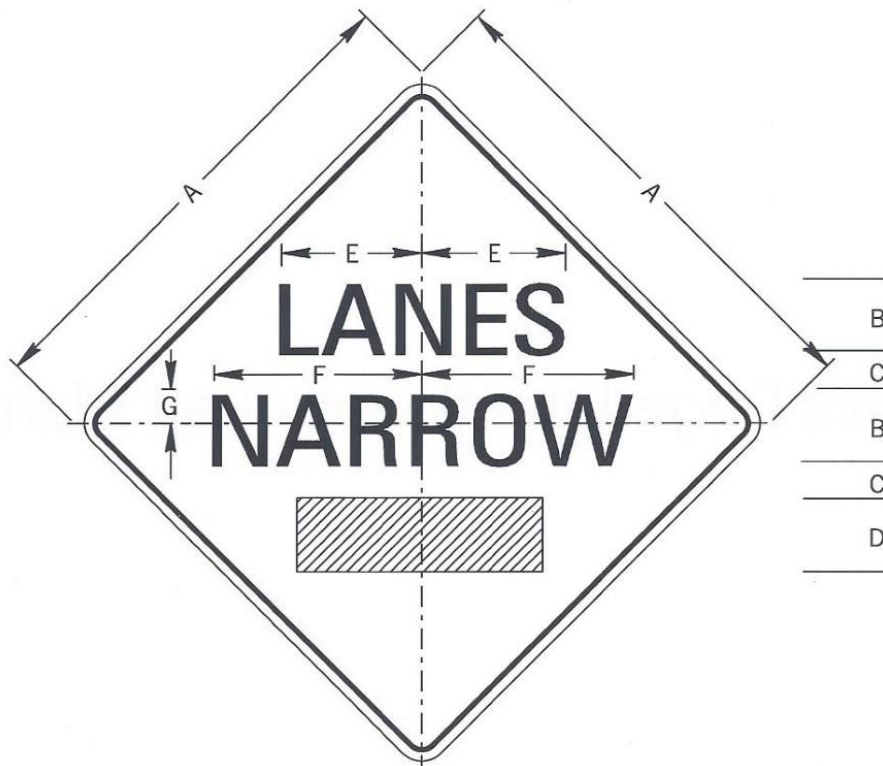
By: *John P. Penzler* Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-4-1

LANES NARROW

The Lanes Narrow Sign (W5-4-1) may be used where the lanes narrow. If only one lane, the "S" in Lanes may be omitted, and an "S" added to "NARROW".

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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	100 (4)	125C (5C)	258 (10.2)	343 (13.5)	63 (2.5)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175D (7D)	90 (3.6)	175C (7C)	363 (14.3)	482 (19)	88 (3.5)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

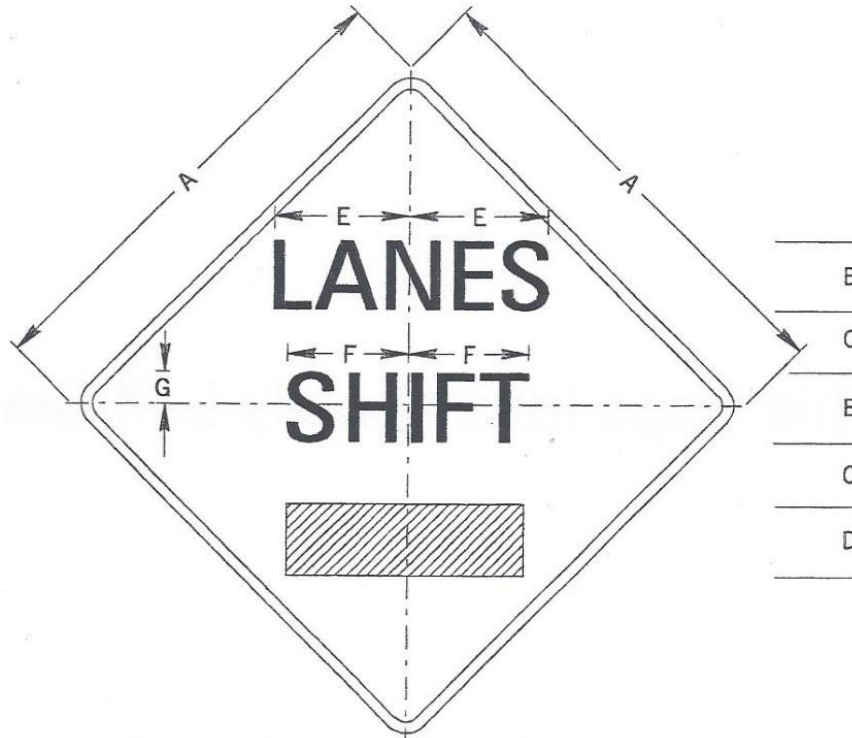
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W5-5

LANES SHIFT SIGN

The Lanes Shift Sign (W5-5) may be used where the lanes shift to the right or left. If only one lane, the "S" in Lanes may be omitted.

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.



SIGN SIZE AxA	DIMENSIONS (IN MILLIMETERS)						MAR- GIN	BOR- DER
	B	C	D	E	F	G		
900x900 (36"x36")	125D (5D)	100 (4)	125C (5C)	258 (10.2)	226 (8.8)	63 (2.5)	15 (0.6)	20 (0.8)
1200x1200 (48"x48")	175D (7D)	90 (3.6)	175C (7C)	363 (14.3)	316 (12.5)	88 (3.5)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

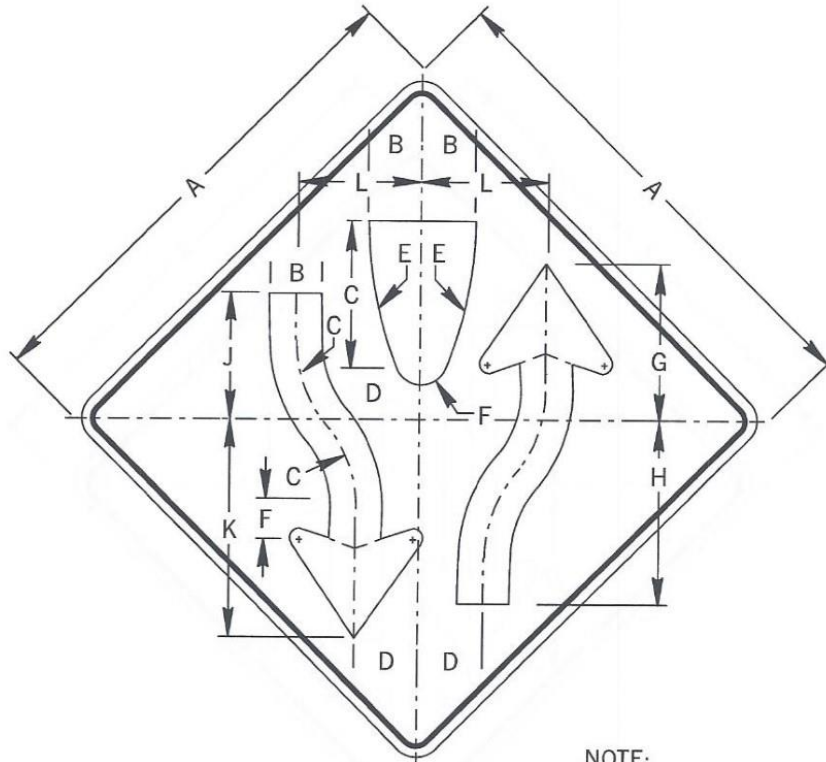
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W6-1

DIVIDED HIGHWAY – DIVIDED HIGHWAY ENDS SIGN

The Divided Highway – Divided Highway Ends Sign (W6-1) will be authorized for use on the approaches to a section of highway when the opposing flows of traffic are separated by a physical barrier. The W6-1 sign will also be authorized for use prior to the end of a divided highway section when rotated 180°.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS – mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	100 (4)	250 (10)	125 (5)	750 (30)	50 (2)	300 (12)	350 (14)	238 (9.5)	412 (16.5)	238 (9.5)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	132 (5.3)	328 (13.1)	165 (6.6)	984 (39.4)	66 (2.6)	400 (16)	467 (18.7)	317 (12.7)	550 (22)	311 (12.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

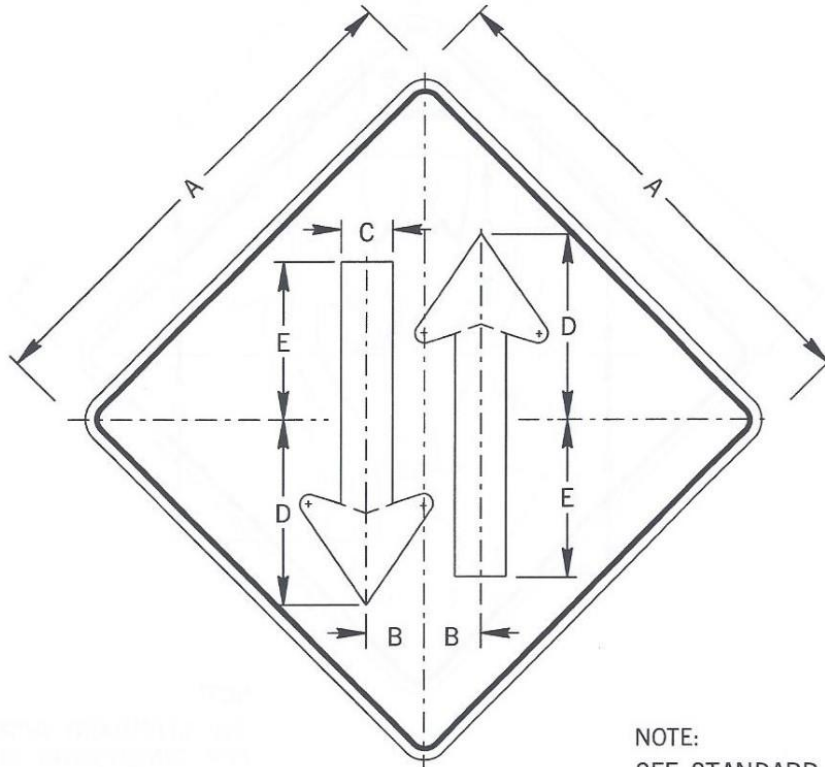
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W6-3

TWO-WAY TRAFFIC SIGN

The Two-Way Traffic Sign (W6-3) may be used to warn of a transition from a separated one-way roadway to a two-way roadway. This sign may be used at intervals to remind drivers that they are on a two-lane, two-way section of roadway.

A W6-3 sign with an Ahead Plaque (W16-9P) should be used to warn road users of the transition.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	130 (5.2)	110 (4.4)	337 (13.5)	320 (12.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175 (7)	150 (6)	450 (18)	425 (17)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

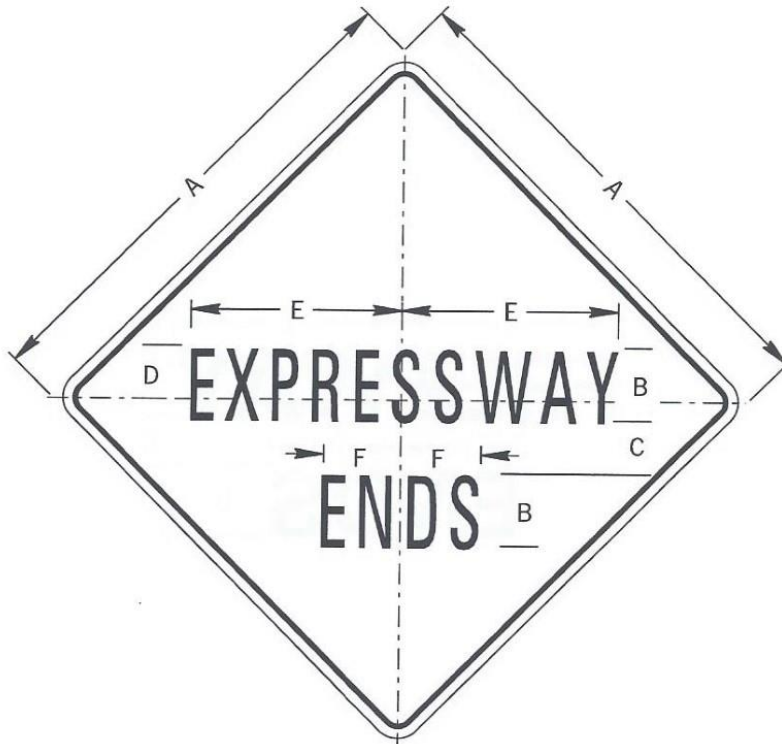
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W6-5

EXPRESSWAY ENDS SIGN

The Expressway Ends Sign (W6-5) will be authorized for use to warn of the end of an extended length of an expressway and the beginning of a conventional highway. The W6-5 sign should not normally be used for expressways less than 8 km (5 miles) in length.

When used, one or two W6-5 signs should be installed within the area approximately 450 m (1500') to 1.6 km (1 mile) in advance of the end of the expressway. The () Feet Plaque (W16-2) or the () Mile(s) Sign (W16-3A) should be used beneath the W6-5 sign.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	175C (7C)	125 (5)	120 (4.8)	635 (24.9)	239 (9.4)	20 (0.8)	25 (1)	B3-1200 (B3-48)
1500 x 1500 (60" x 60")	200C (8C)	150 (6)	150 (6)	726 (28.5)	273 (10.8)	25 (1)	30 (1.2)	B3-1500 (B3-60)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W6-7

FREEWAY ENDS SIGN

The Freeway Ends Sign (W6-7) is authorized for use to warn of the end of an extended length of a freeway and the beginning of a conventional highway. The W6-7 sign should not normally be used for freeways less than 8 km (5 miles) in length.

When used, one or two W6-7 signs should be installed within the area approximately 450 m (1500') to 1.6 km (1 mile) in advance of the end of the freeway. The () Feet Plaque (W16-2) or the () Mile(s) Sign (W16-3A) should be used beneath the W6-7 sign.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	200C (8C)	125 (5)	175 (7)	490 (19.2)	290 (11.4)	20 (0.8)	25 (1)	B3-1200 (B3-48)
1500 x 1500 (60" x 60")	225D (9D)	150 (6)	175 (7)	677 (26.4)	392 (15.4)	25 (1)	30 (1.2)	B3-1500 (B3-60)

* INCREASE SPACING 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.

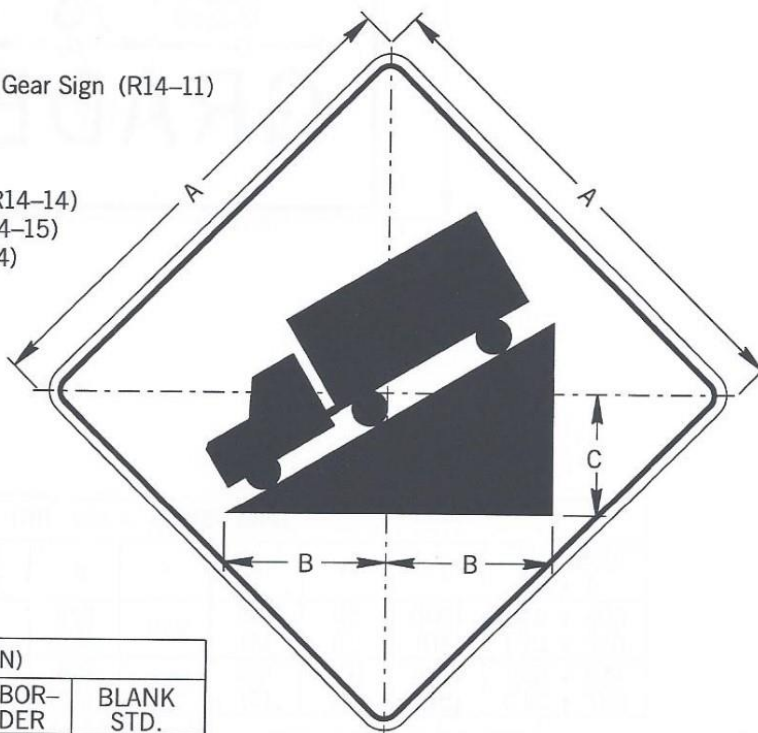
(1) The Grade Plaque (W7-3) or the () Grade / () Miles Plaque (W7-3B) should be used beneath the W7-1 sign in advance of downgrades longer than the lengths indicated below, and at locations where crash experience or field observations indicate a need:

Percent Grade	Length - m (FT)	Percent Grade	Length - m (FT)
4	1800 (6000)	7	300 (1000)
5	900 (3000)	8	225 (750)
6	600 (2000)	9	150 (500)

(2) On long grades, the Next () Miles Plaque (W7-3A) or the () Grade / () Miles Plaque (W7-3B) 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)
- Advance Runaway Truck Ramp Sign (W7-4)
- Runaway Truck Ramp Exit Sign (W7-4B)



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	275 (11)	188 (7.5)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	438 (17.5)	300 (12)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

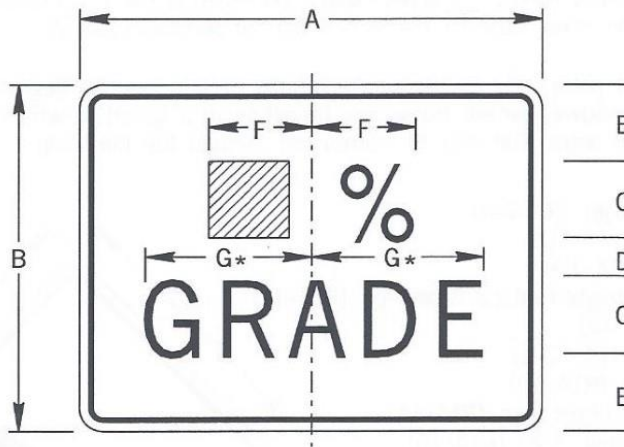
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-3

GRADE PLAQUE

(a) Justification. The Grade Plaque (W7-3) may be used beneath the Hill Sign (W7-1) in accordance with the W7-1 sign.

(b) Size. The standard size W7-3 plaque is 600 mm by 450 mm (24" x 18"); the 750 mm by 600 mm (30" x 24") size may be used with the 1200 mm by 1200 mm (48" x 48") Hill Sign (W7-1).



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	100D (4D)	50 (2)	100 (4)	VAR.	228 (8.9)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
750 x 600 (30" x 24")	125D (5D)	100 (4)	125 (5)	VAR.	285 (11.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* INCREASE SPACING 22%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-3A

NEXT () MILES PLAQUE

(a) Justification. The Next () Miles Plaque (W7-3A) may be used below any standard warning sign to indicate that the condition cited by the warning sign exists over an extended section of highway. The distance shall be given in whole miles or limited to 1/2. This sign shall only be fluorescent yellow-green when used beneath another fluorescent yellow-green sign.

(b) Size. The 600 mm by 450 mm (24" x 18") size should be used with 750 mm by 750 mm (30" x 30") warning signs, and the 750 mm by 600 mm (30" x 24") size should be used with 900 mm by 900 mm (36" x 36") and larger warning signs.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	100C (4C)	50 (2)	100 (4)	152 (6)	254 (10.5)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
750 x 600 (30" x 24")	125C (5C)	100 (4)	125 (5)	189 (7.5)	318 (13.1)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

* INCREASE SPACING 75%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW-GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

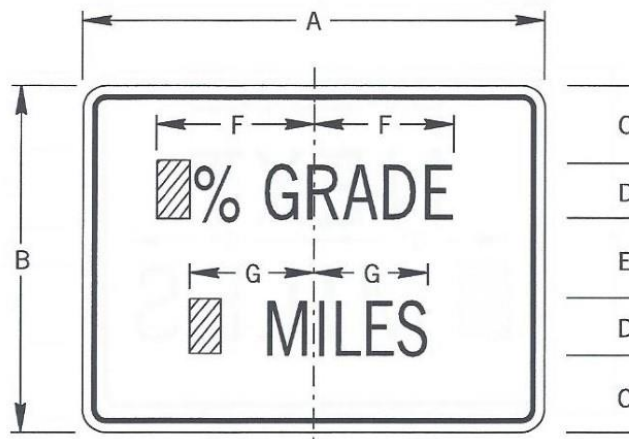
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-3B

() GRADE / () MILES PLAQUE

(a) Justification. The () Grade / () Miles Plaque (W7-3B) may be used beneath the Hill Sign (W7-1) in accordance with the W7-1 sign.

(b) Size. The standard size W7-3B plaque is 600 mm by 450 mm (24" x 18"); the 750 mm by 600 mm (30" x 24") size may be used with the 1200 mm by 1200 mm (48" x 48") Hill Sign (W7-1).



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	100 (4)	75C (3C)	100 (4)	212 (8.4)	179 (7.1)	10 (0.4)	10 (0.4)	B5-600450 (B5-2418)
750 x 600 (30" x 24")	145 (5.8)	100C (4C)	110 (4.4)	282 (11.2)	238 (9.4)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

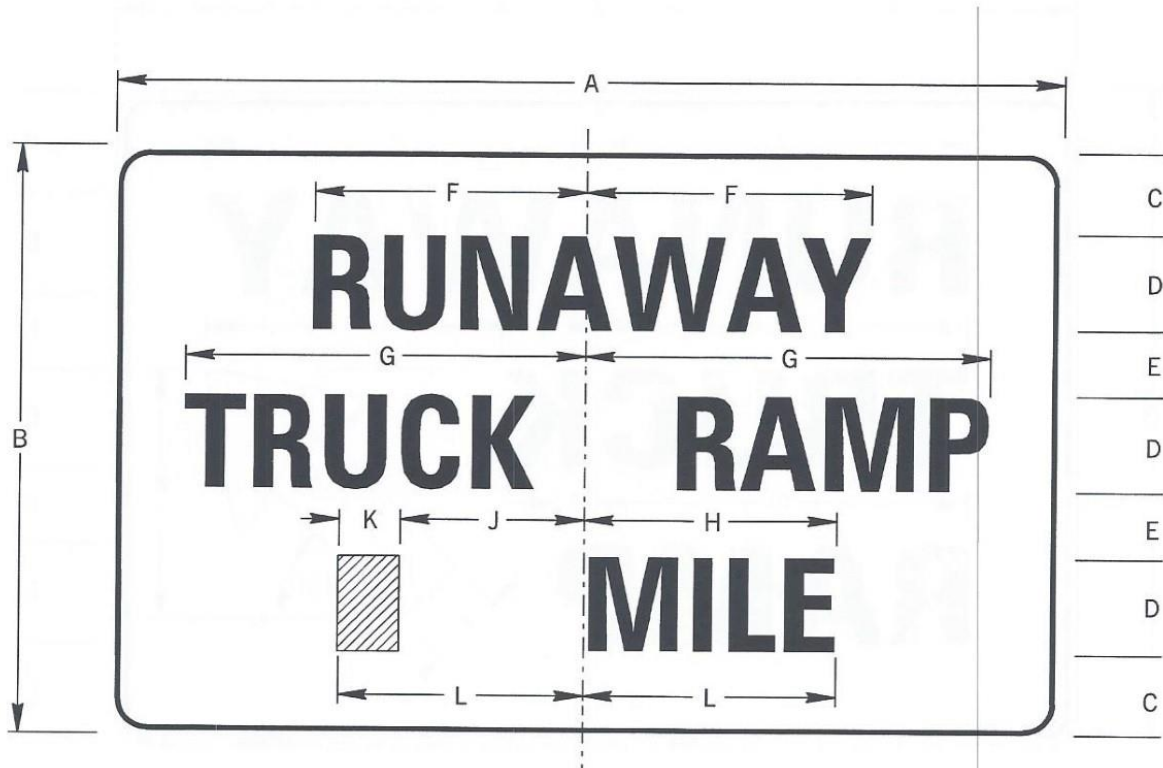
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-4

ADVANCE RUNAWAY TRUCK RAMP SIGN

The Advance Runaway Truck Ramp Sign (W7-4) may be used in advance of a runaway truck ramp. This sign should normally be installed at locations approximately 1.6 km (1 mile) and 800 m (1/2 mile) in advance of the gore. When used, a Sand Plaque (W7-4D), Gravel Plaque (W7-4E) or Paved Plaque (W7-4F) may be used below the W7-4 sign to describe the ramp surface.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BORDER
1950 x 1200 (78" x 48")	162 (6.5)	200C (8C)	138 (5.5)	510 (20.1)	746 (29.5)	484 (19)	300 (12)	VAR.	VAR.	30 (1.2)
3600 x 1800 (144" x 72")	250 (10)	300E (12E)	200 (8)	1123 (44.2)	1530 (60.4)	1000 (39.5)	450 (18)	VAR.	VAR.	45 (1.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

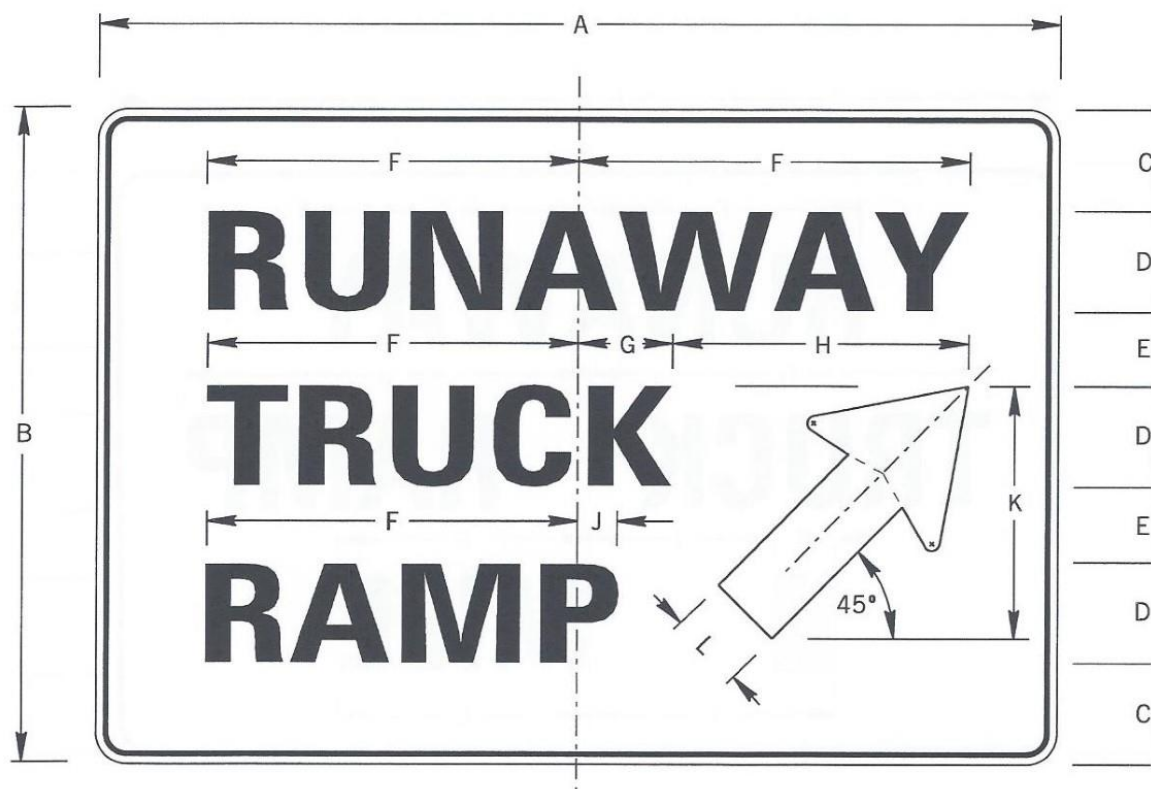
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-4B

RUNAWAY TRUCK RAMP EXIT SIGN

The Runaway Truck Ramp Exit Sign (W7-4B) may be used within the gore of a runaway truck ramp. When used, a Sand Plaque (W7-4D), Gravel Plaque (W7-4E) or Paved Plaque (W7-4F) may be used below the W7-4B sign to describe the ramp surface.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1950 x 1350 (78" x 54")	200 (8)	200E (8E)	175 (7)	748 (29.5)	240 (9.3)	508 (20.2)	102 (4)	500 (20)	135 (5.4)	20 (0.8)	30 (1.2)	—
2850 x 1800 (114" x 72")	260 (10.4)	300E (12E)	190 (7.6)	1123 (44.2)	360 (14.3)	763 (29.9)	153 (6.1)	700 (28)	200 (8)	30 (1.2)	45 (1.8)	—

COLOR:

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

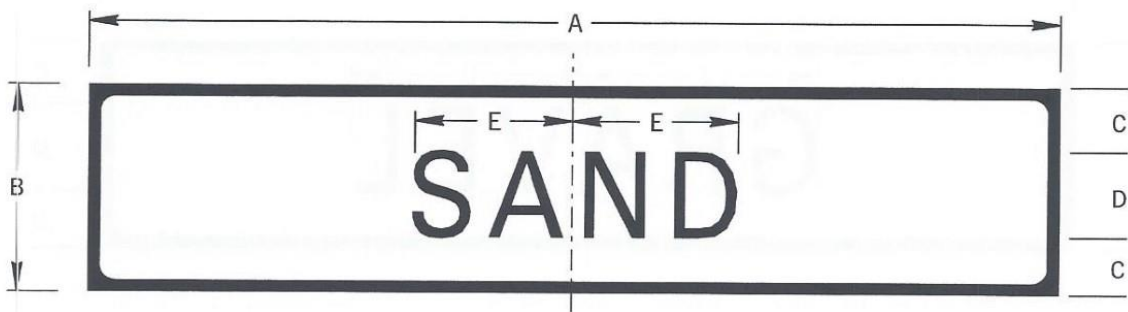
BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-4D

SAND-PLAQUE FOR RUNAWAY TRUCK RAMP SIGN



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
1950 x 450 (78" x 18")	125 (5)	200C (8C)	286 (11.3)	30 (1.2)	_____
3600 x 600 (144" x 24")	150 (6)	300E (12E)	619 (24.4)	45 (1.8)	B11-3600600 (B11-14424)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

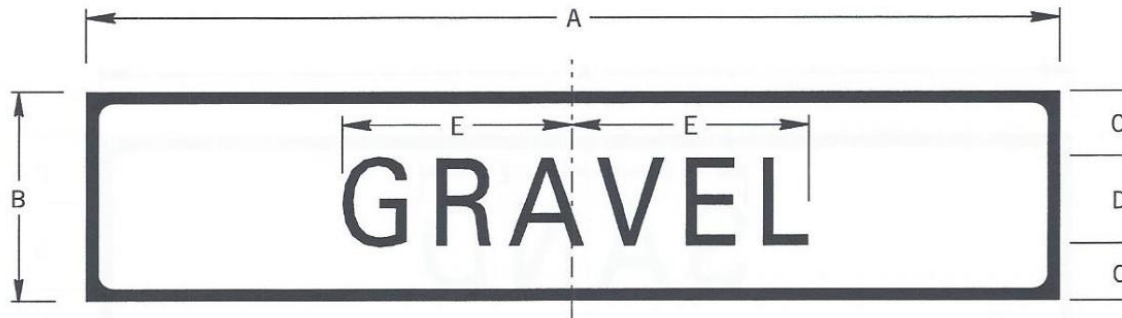
BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-4E

GRAVEL-PLAQUE FOR RUNAWAY TRUCK RAMP SIGN



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
1950 x 450 (78" x 18")	125 (5)	200C (8C)	417 (16.4)	30 (1.2)	_____
3600 x 600 (144" x 24")	150 (6)	300E (12E)	902 (35.5)	45 (1.8)	B11-3600600 (B11-14424)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

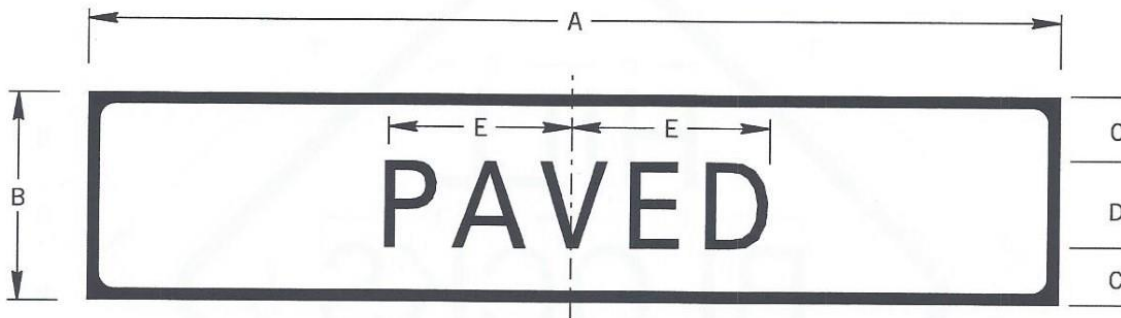
BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-4F

PAVED-PLAQUE FOR RUNAWAY TRUCK RAMP SIGN



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
1950 x 450 (78" x 18")	125 (5)	200C (8C)	344 (13.5)	30 (1.2)	—
3600 x 600 (144" x 24")	150 (6)	300E (12E)	751 (29.6)	45 (1.8)	B11-3600600 (B11-14424)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

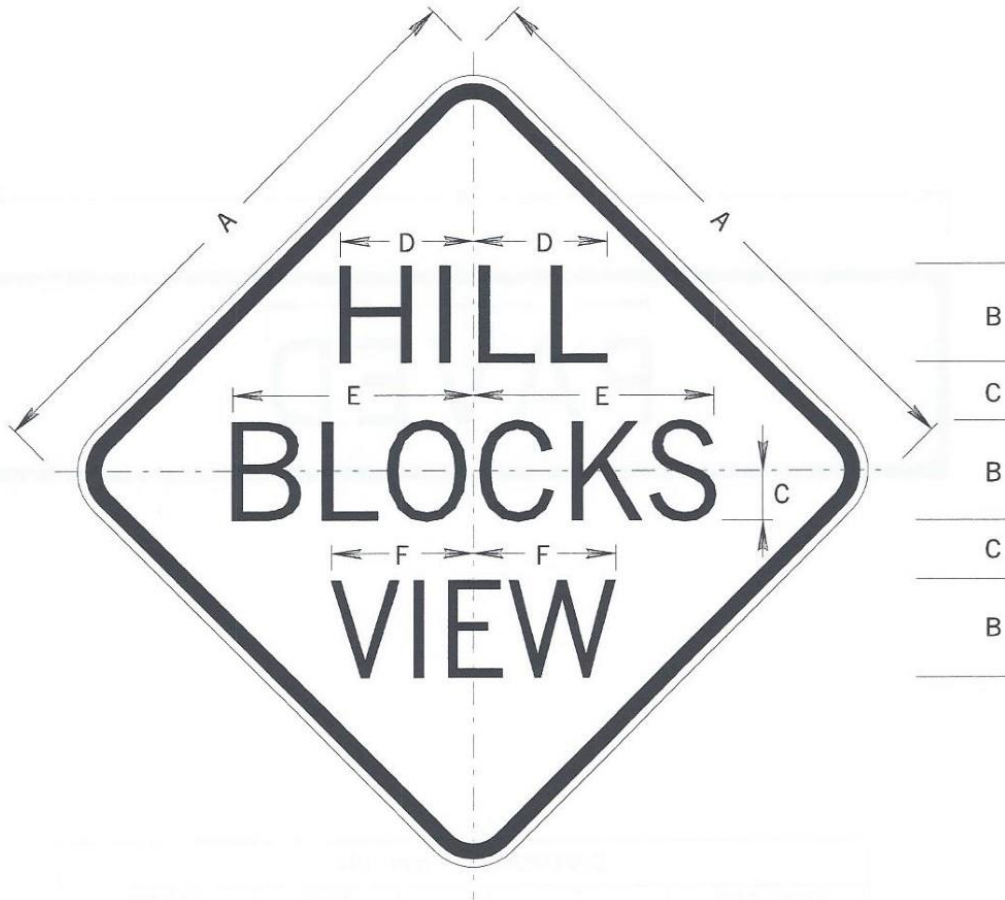
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W7-6

HILL BLOCKS VIEW

The Hill Blocks View Sign (W7-6) may be used in advance of a crest vertical curve to advise road users to reduce speed as they approach and traverse the hill as only limited stopping sight distance is available. When used, it should be supplemented by an Advisory Speed Plaque (W13-1).



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.	
750 x 750 (30" x 30")	125D (5D)	63 (2.5)	169 (6.8)	305 (12.2)	180 (7.2)	10 (0.4)	20 (0.8)	B3-750 (B3-30)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

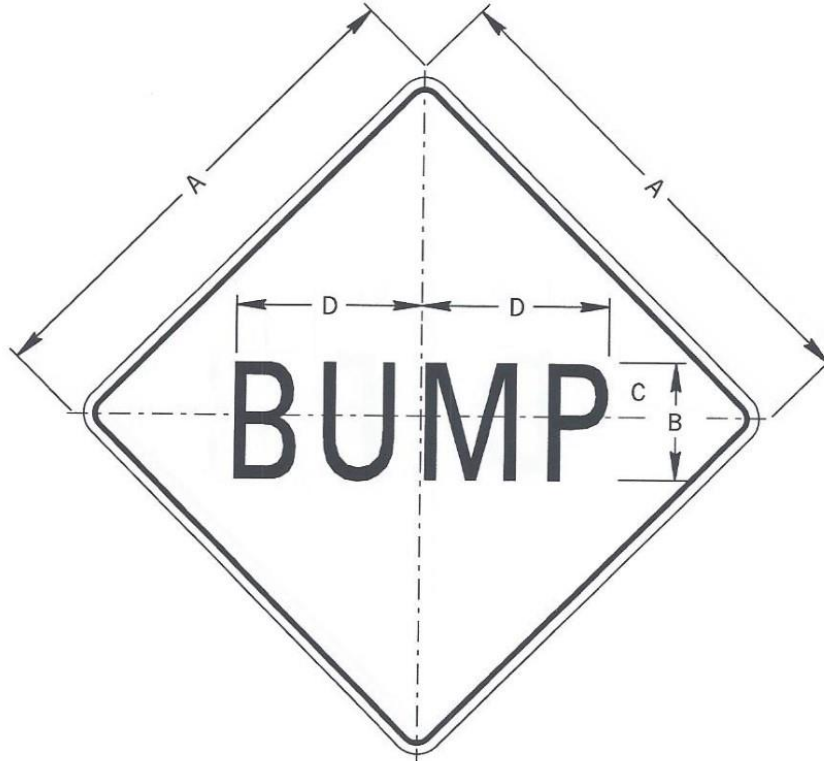
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-1

BUMP SIGN

The Bump Sign (W8-1) shall be authorized for use to give warning 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 - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	200D (8D)	100 (4)	356 (14.1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

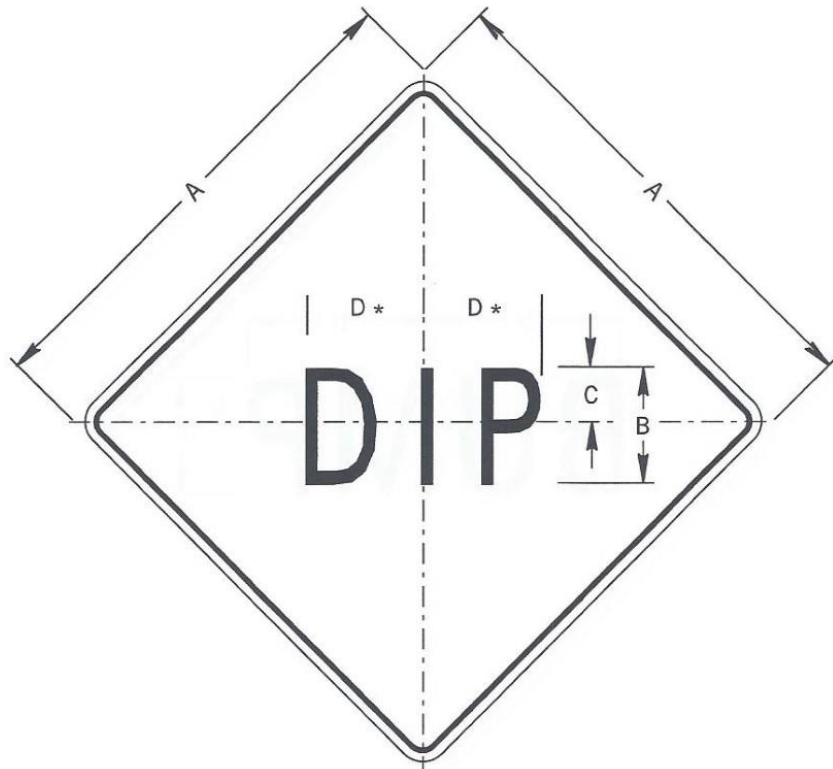
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-2

DIP SIGN

The Dip Sign (W8-2) shall be authorized for use to give warning 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.

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



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	200E (8E)	100 (4)	258 (10.1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

* INCREASE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-3

PAVEMENT ENDS SIGN

The Pavement Ends Sign (W8-3) shall be authorized for use where a pavement surface changes from a hard-surfaced pavement to a lower type surface or an earth road.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	75 (3)	20 (0.8)	356 (14)	172 (6.8)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

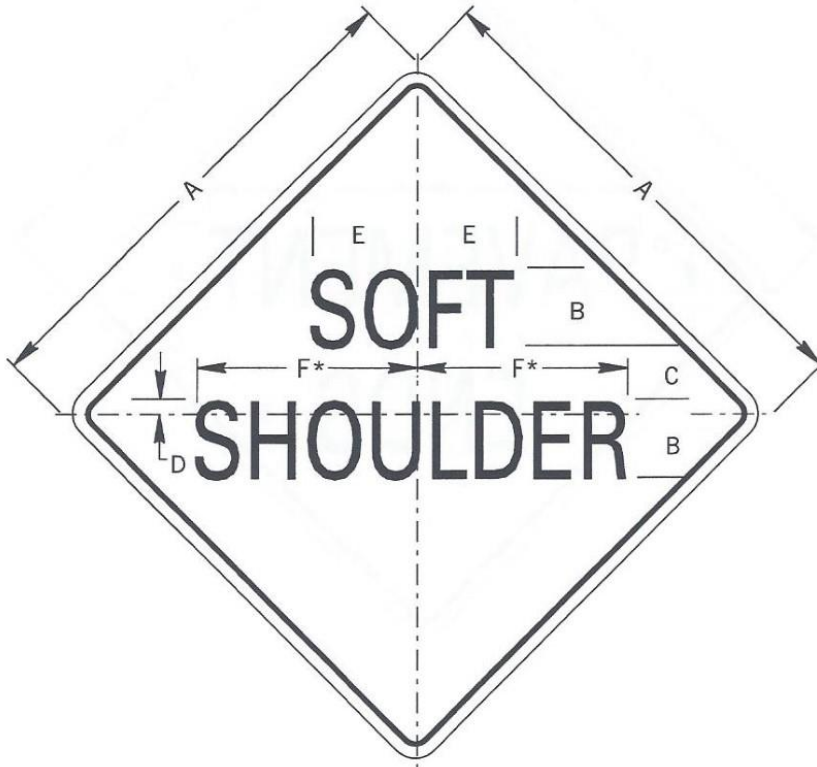
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-4

SOFT SHOULDER SIGN

(a) Justification. The Soft Shoulder Sign (W8-4) shall be authorized for use where a soft shoulder presents a hazard to vehicles that may get off the pavement. This sign may be warranted on new shoulders or on roadways where shoulders are soft due to weather conditions. The sign shall be removed when the hazard no longer exists.

(b) Placement. One W8-4 sign should be placed at or near the beginning of the soft shoulder condition, and other signs should be placed at intervals throughout the length of the road where the condition exists.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	75 (3)	20 (0.8)	167 (6.6)	341 (13.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-5

SLIPPERY WHEN WET SIGN

(a) Justification. The Slippery When Wet Sign (W8-5) shall be authorized for use to warn of a condition when the roadway surface is extraordinarily slippery when wet.

(b) Placement. The W8-5 sign should be placed in advance of the slippery section and at intervals on long sections of such highway. Upon correction of the slippery condition, the sign shall be removed.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	200 (8)	275 (11)	312 (12.5)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	238 (9.5)	325 (13)	370 (14.8)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	316 (12.6)	434 (17.4)	494 (19.8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

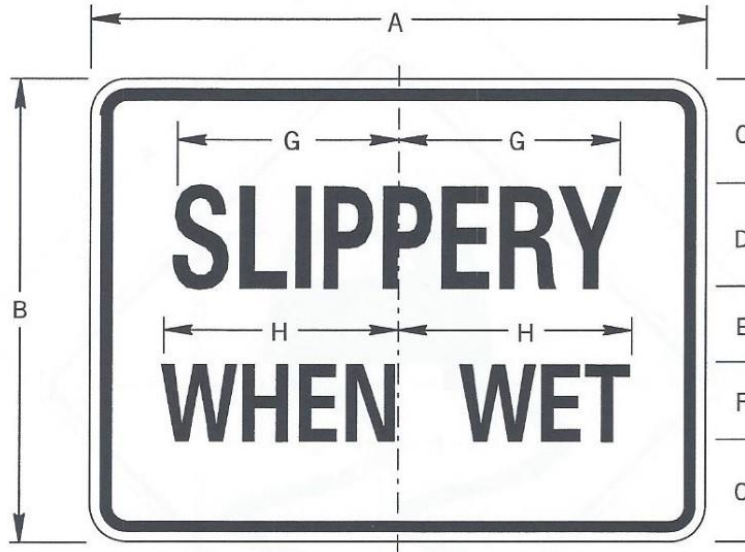
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-5A

SLIPPERY WHEN WET PLAQUE

The Slippery When Wet Plaque (W8-5A) may be used as an educational plaque below the Slippery When Wet Sign (W8-5). The 600 mm by 450 mm (24" x 18") size shall be used with the 750 mm by 750 mm (30" x 30") and 900 mm by 900 mm (36" x 36") W8-5 sign, and the 750 mm by 600 mm (30" x 24") size shall be used with the 1200 mm by 1200 mm (48" x 48") size sign.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	100 (4)	100C (4C)	75 (3)	75C (3C)	270 (10.6)	228 (8.9)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
750 x 600 (30" x 24")	138 (5.5)	125C (5C)	100 (4)	100C (4C)	336 (13.3)	303 (11.9)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

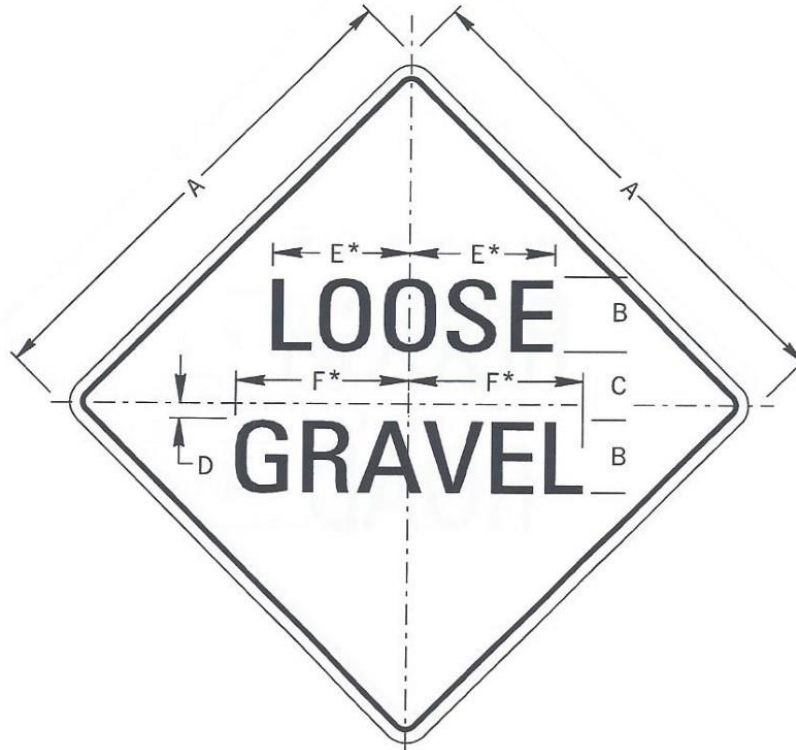
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-7

LOOSE GRAVEL SIGN

- (a) Justification. The Loose Gravel Sign (W8-7) may be used to warn of loose gravel on the roadway.
- (b) Placement. When used, the W8-7 sign should be installed at the beginning of the applicable section of roadway and after every major intersection.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	85 (3.4)	15 (0.6)	239 (9.4)	296 (11.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

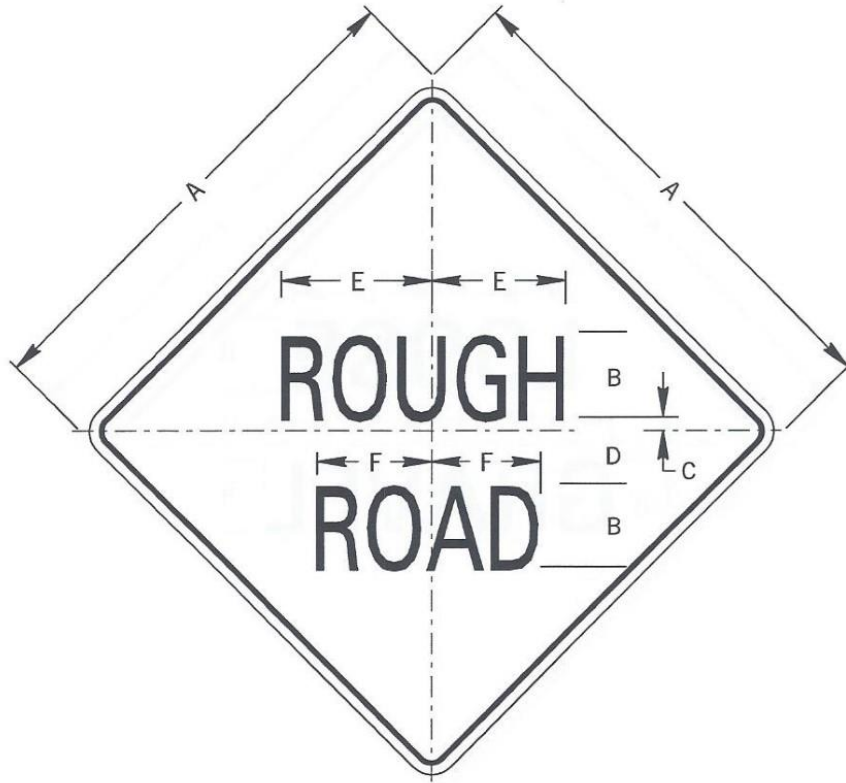
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-8

ROUGH ROAD SIGN

The Rough Road Sign (W8-8) shall be authorized for use when weather or other conditions have caused a breakup of the road surface. It shall be removed as soon as the surface has been restored.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	20 (0.8)	100 (4)	272 (10.7)	218 (8.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

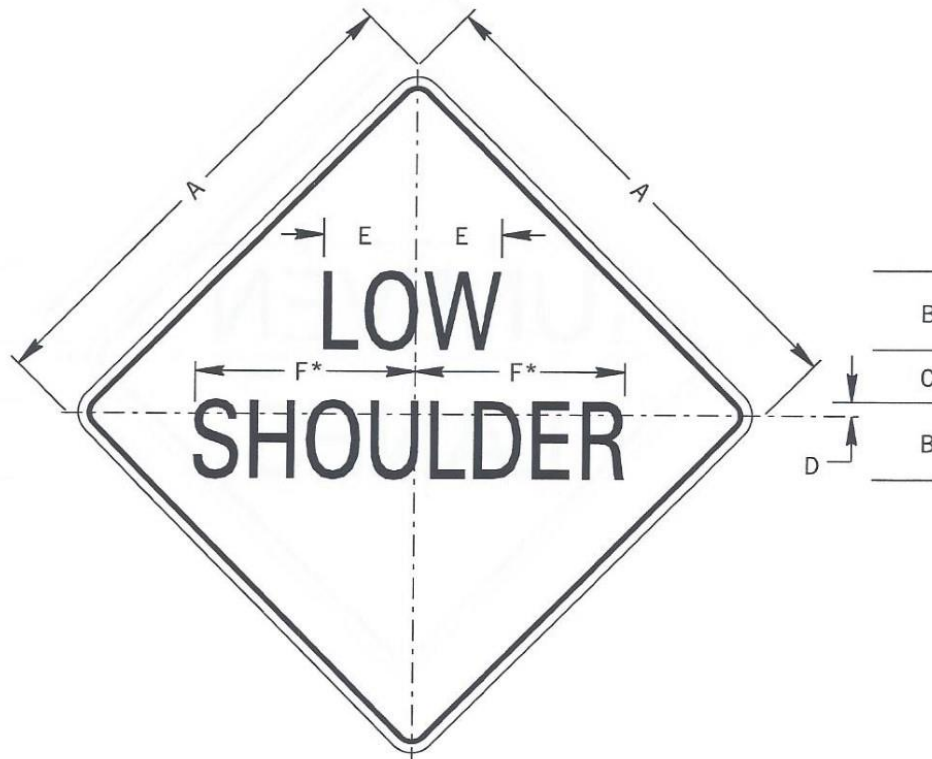
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-9

LOW SHOULDER SIGN

(a) Justification. The Low Shoulder Sign (W8-9) shall be authorized for use to denote sections of shoulder which are depressed from the pavement surface and present a hazard to vehicles that may get off the pavement. The sign should be removed when the condition no longer exists.

(b) Placement. One W8-9 sign should be placed at or near the beginning of the low shoulder condition, and other signs should be placed at intervals throughout the length of the highway where the condition exists.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	75 (3)	20 (0.8)	138 (5.4)	341 (13.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

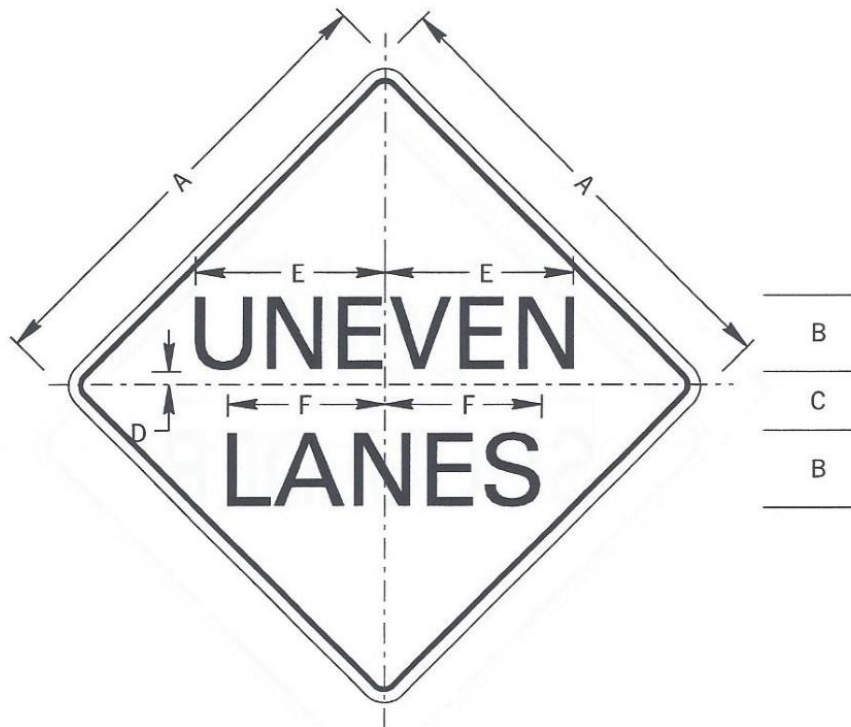
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-11

UNEVEN LANES SIGN

(a) Justification. The Uneven Lanes Sign (W8-11) is authorized to warn motorists that a part of the travel lane or an adjacent travel lane is not at the same elevation.

(b) Placement. The W8-11 sign may be placed in advance of the condition and at intervals throughout the area. Signs shall be removed when the condition is corrected.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150D (6D)	113 (4.5)	25 (1)	377 (14.8)	310 (12.2)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200D (8D)	150 (6)	35 (1.4)	504 (19.9)	415 (16.4)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-13

BRIDGE ICES BEFORE ROAD SIGN

The Bridge Ices Before Road Sign (W8-13) may be used at those bridges where icing is prevalent by actual experience. The sign should not normally be used in advance of a bridge less than 30 m (100') in length, unless the bridge is over 12 m (40') in length and is on a curve or traffic is frequently required to reduce speed while on the bridge.

If more than one bridge exists within a short distance and the longitudinal spacing between the bridges is not sufficient to post individual W8-13 signs for each bridge, the legend "BRIDGES" may be substituted for "BRIDGE", and "ICE" may be substituted for "ICES".



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	63 (2.5)	238 (9.5)	465 (18.6)	175 (7)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	50 (2)	288 (11.5)	555 (22.2)	210 (8.4)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-13B

BRIDGE MAY BE SLIPPERY SIGN

The Bridge May Be Slippery Sign (W8-13B) may be used in advance of an open steel deck bridge in lieu of the Bridge Ices Before Road Sign (W8-13). The sign should not normally be used in advance of a bridge less than 30 m (100') in length unless the bridge is over 12 m (40') in length and the bridge is on a curve or traffic is frequently required to reduce their speed while on the bridge.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	75 (3)	115 (4.6)	244 (9.6)	278 (10.9)	337 (13.3)	15 (0.6)	15 (0.6)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	140 (5.6)	292 (11.5)	333 (13.2)	403 (15.9)	20 (0.8)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

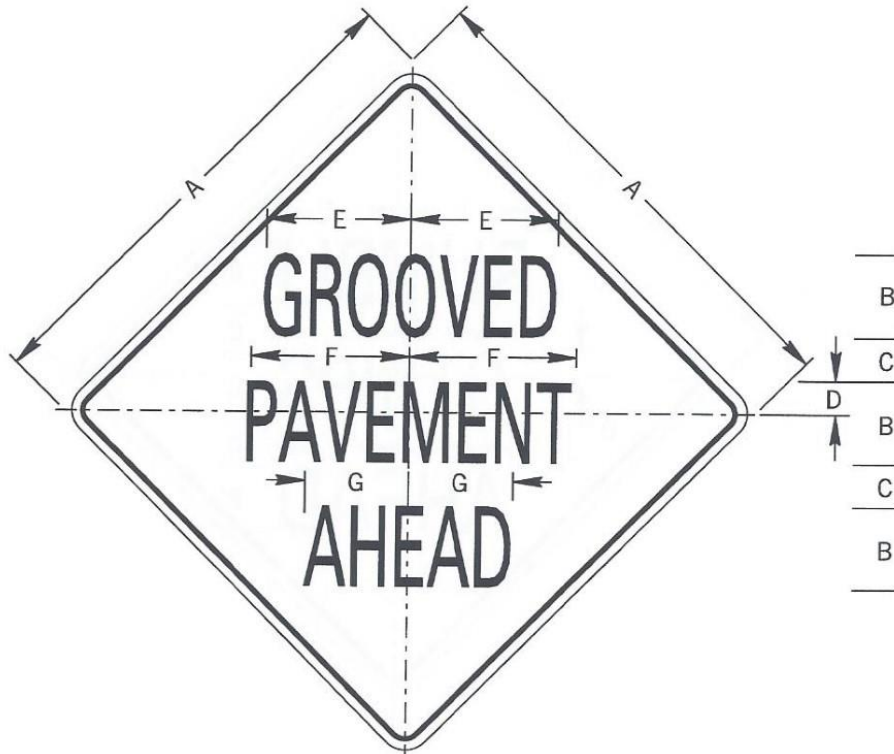
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-14

GROOVED PAVEMENT AHEAD SIGN

The Grooved Pavement Ahead Sign (W8-14) shall be authorized for use where the pavement has been grooved to lessen slippery roadway conditions.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	65 (2.6)	50 (2)	316 (12.4)	356 (14)	223 (8.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175C (7C)	75 (3)	25 (1)	440 (17.4)	497 (19.5)	312 (12.3)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

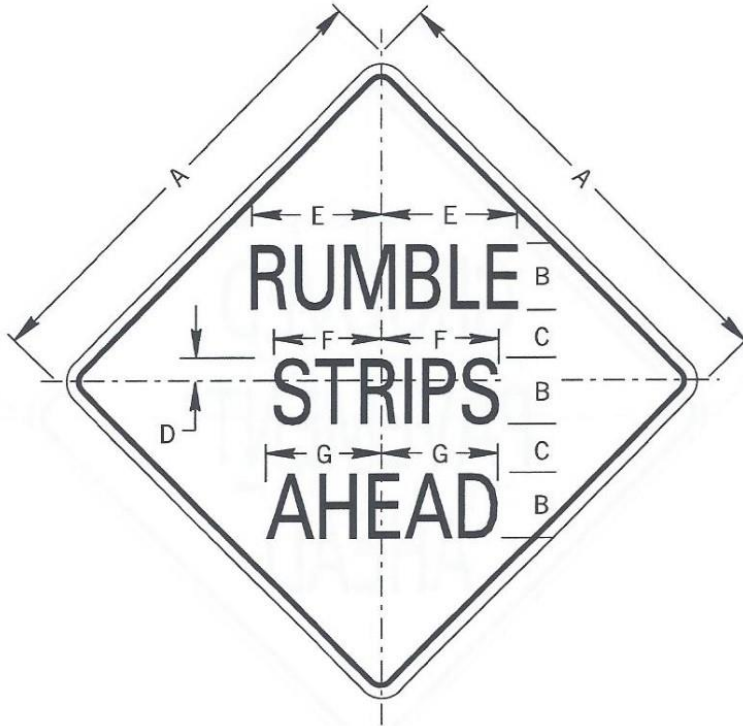
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

W8-15

RUMBLE STRIPS AHEAD SIGN

The Rumble Strips Ahead Sign (W8-15) shall be authorized for use in advance of transverse rumble strips.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	65 (2.6)	50 (2)	273 (10.7)	239 (9.4)	223 (8.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175C (7C)	75 (3)	50 (2)	383 (15.1)	334 (13.1)	312 (12.3)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

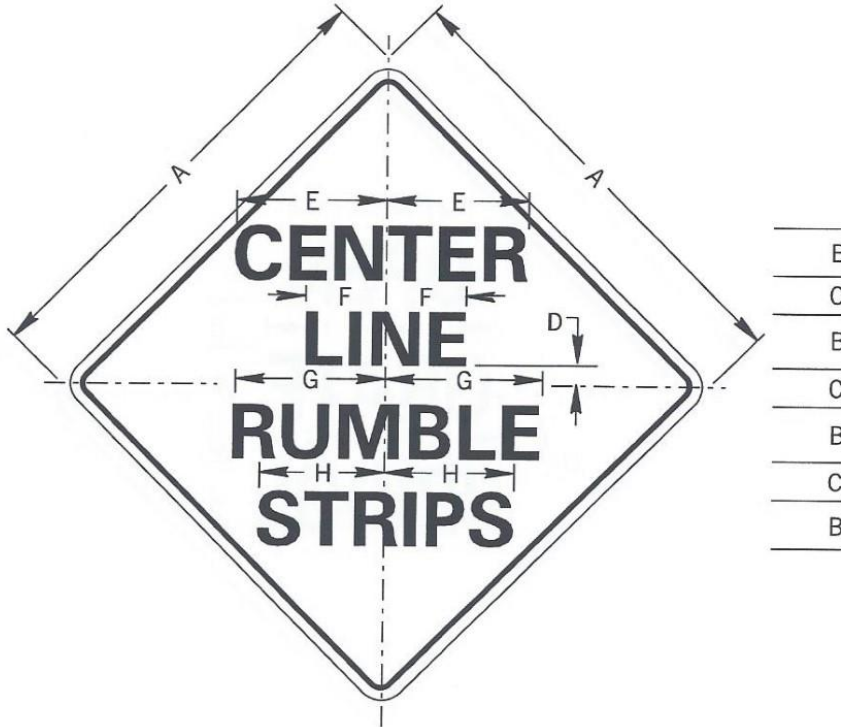
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-15-1

CENTER LINE RUMBLE STRIPS SIGN

The Center Line Rumble Strips Sign (W8-15-1) may be used to advise motorists of the presence of rumble strip patterns along the centerline of the roadway.



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	40 (1.6)	304 (12)	173 (6.8)	327 (12.9)	286 (11.3)	20 (0.8)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

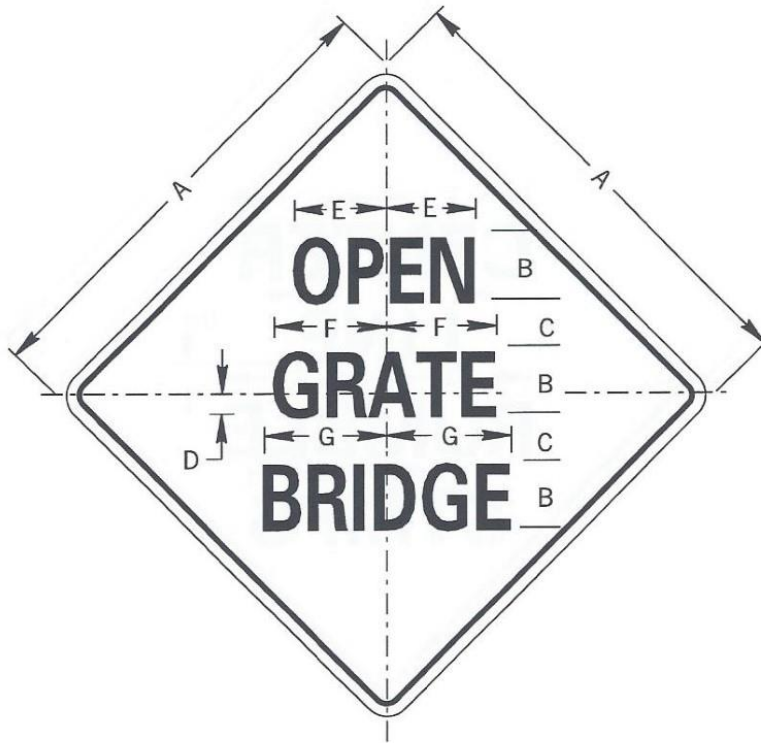
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-16

OPEN GRATE BRIDGE SIGN

The Open Grate Bridge Sign (W8-16) may be used in advance of open grate bridges to warn pedestrians and cyclists to be cautious.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	65 (2.6)	30 (1.2)	176 (6.9)	212 (8.3)	244 (9.6)	15 (0.6)	15 (0.6)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-17

FALLING ROCK SIGN

The Falling Rock Sign (W8-17) shall be authorized for use to denote those areas where rocks repeatedly fall on the roadway.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	65 (2.6)	10 (0.4)	305* (12)*	209 (8.3)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	200D (8D)	100 (4)	15 (0.6)	503** (19.8)**	336 (13.2)	20 (0.8)	25 (1)	B3-1200 (B3-48)

* REDUCE SPACING 45%

** REDUCE SPACING 33%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

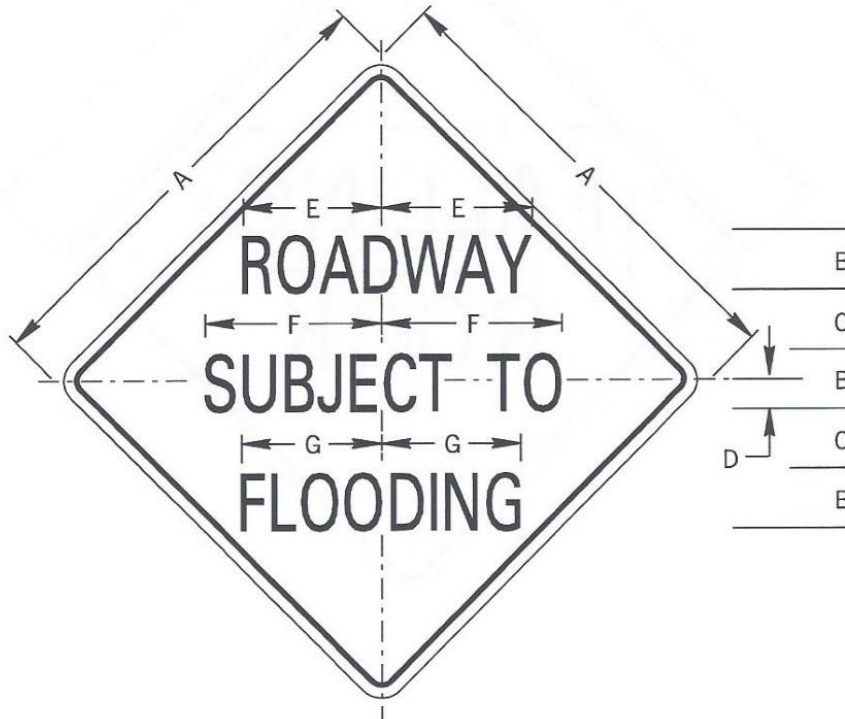
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-18

ROADWAY SUBJECT TO FLOODING SIGN

(a) Justification. The Roadway Subject to Flooding Sign (W8-18) will be authorized to warn drivers that the roadway may periodically be flooded and become nonpassable. The W8-18 sign should not be used as a substitute for closing the roadway when the proper authorities are aware that the roadway is flooded or may flood at anytime.

(b) Placement. The W8-18 sign should be placed in advance of the area to which it applies. It may also be placed at the last intersection prior to the area with either the () Feet Plaque (W16-2) or the () Mile(s) Sign (W16-3A) placed beneath the W8-18 sign.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	100C (4C)	100 (4)	50 (2)	260 (10.2)	356 (14)	269 (10.6)	15 (0.6)	15 (0.6)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-19

WATCH FOR ICE SIGN

(a) Justification. The Watch For Ice Sign (W8-19) will be authorized for temporary use until the condition is corrected where ice occasionally forms on the roadway during the winter months due to surface or subsurface drainage or condensation problems.

(b) Placement. The W8-19 sign shall be placed in advance of the occasionally icy condition. This sign shall be removed, covered, or folded during the summer months.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150D (6D)	75 (3)	317 (12.5)	183 (7.2)	142 (5.7)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200D (8D)	115 (4.6)	424 (16.7)	245 (9.7)	190 (7.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-20

WATCH FOR MUD

(a) Justification. The Watch For Mud Sign (W8-20) may be temporarily used in advance of a section of highway where mud is tracked onto the road and could cause a vehicle to skid or mud to become airborne.

(b) Placement. When used, the W8-20 sign shall be placed on a portable sign support approximately 150 m (500') in advance of the condition. Upon correction of the muddy condition, the sign shall be removed.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150D (6D)	70 (2.8)	317 (12.5)	183 (7.2)	197 (7.8)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200D (8D)	108 (4.3)	424 (16.7)	245 (9.7)	264 (10.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-20-1

MUD SLIDE AREA SIGN

The Mud Slide Area Sign (W8-20-1) may be used to advise motorists of areas where mud slides repeatedly occur.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150D (6D)	70 (2.8)	55 (2.2)	197 (7.8)	275 (10.9)	267 (10.5)	15 (0.6)	25 (1)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W8-21

SLIPPERY WINTER CONDITIONS SIGN

(a) Justification. The Slippery Winter Conditions Sign (W8-21) may be used in advance of a section of highway where winter conditions frequently occur despite special winter maintenance programs.

(b) Placement. The W8-21 sign should be placed in advance of the problem location. Additional signs may also be installed within the problem location.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	40 (1.6)	367 (14.5)	271 (10.7)	443 (17.4)	15 (0.6)	25 (1)	B3-1200 (B3-48)

* REDUCE SPACING 35%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

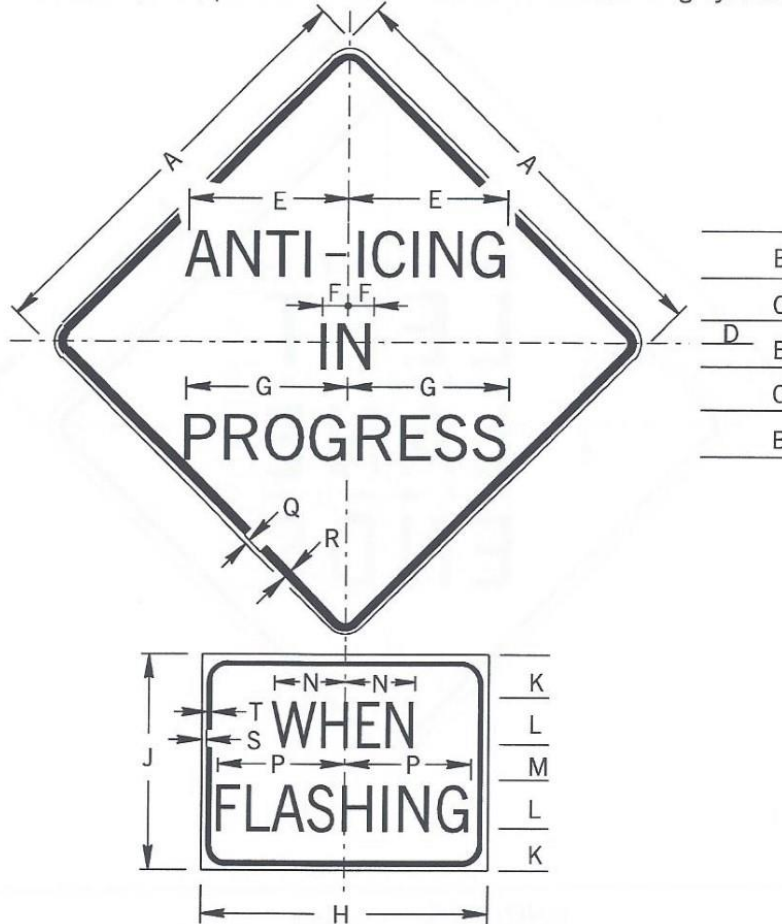
W8-22 & W8-22-1

ANTI-ICING IN PROGRESS AND WHEN FLASHING SIGNS

The Anti-Icing in Progress Sign (W8-22) shall be used on the right side of the roadway at each approach to locations where the Department has installed automated bridge or roadway anti-icing systems. An additional W8-22 may also be installed on the left side of each approach.

The When Flashing Sign (W8-22-1) shall be used beneath the W8-22 sign to indicate when the anti-icing operation is taking place.

The W8-22 and W8-22-1 shall be located a minimum distance in meters (feet) equals 2 (10) times the posted speed limit in kilometers (miles) per hour in advance of the automated-icing system.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M
900 x 900 (36" x 36")	100D (4D)	88 (3.5)	50 (2)	333* (13.2)*	54 (2.2)	338* (13.3)*	600 (24)	450 (18)	88 (3.5)	100C (4C)	75 (3)
1200 x 1200 (48" x 48")	150C (6C)	75 (3)	75 (3)	454 (17.9)	68 (2.7)	431 (17)	750 (30)	600 (24)	125 (5)	125C (5C)	100 (4)

DIMENSIONS - mm (IN)							
SIGN SIZE A x A	N	P	Q	R	S	T	BLANK STD.
900 x 900 (36" x 36")	147 (5.8)	264 (10.4)	10 (0.4)	20 (0.8)	10 (0.4)	15 (0.6)	B3-900 & B5-600450 (B3-36 & B5-2418)
1200 x 1200 (48" x 48")	184 (7.3)	330 (12.9)	20 (0.8)	30 (1.2)	10 (0.4)	15 (0.6)	B3-1200 & B5-750600 (B3-48 & B5-3024)

* REDUCE SPACING 10%

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

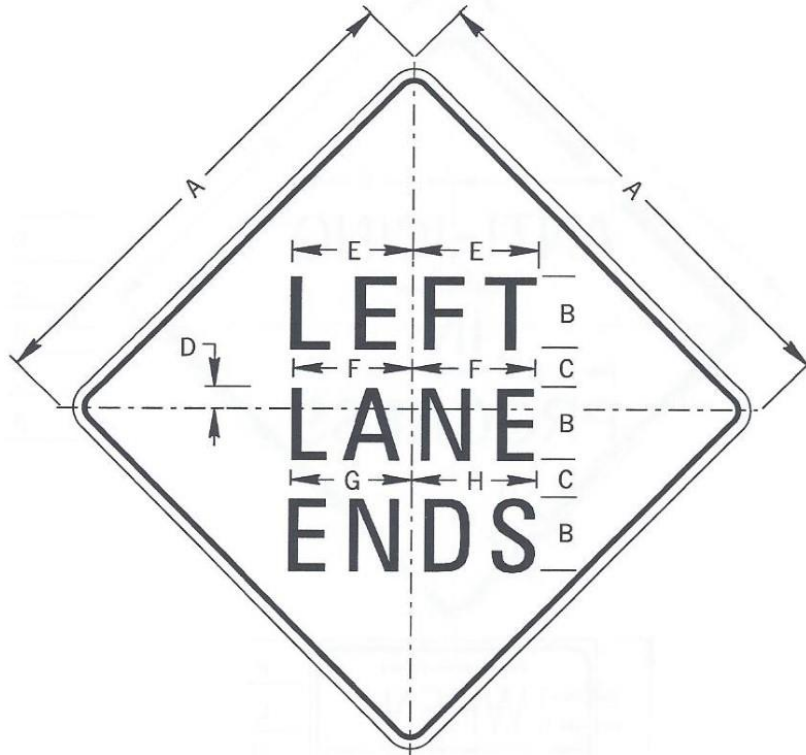
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W9-1L

LEFT LANE ENDS SIGN

The Left Lane Ends Sign (W9-1L) shall be authorized for use in advance of the Pavement Width Transition-Left Lane Ends Sign (W4-2L) or the Lane Ends Merge Right Sign (W9-2R).



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	65 (2.6)	40 (1.6)	187 (7.3)	204 (8)	200 (7.9)	210 (8.2)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	150D (6D)	75 (3)	50 (2)	224 (8.9)	245 (9.6)	238 (9.4)	253 (10)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200D (8D)	100 (4)	112 (4.5)	299 (11.8)	327 (12.9)	320 (12.6)	339 (13.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

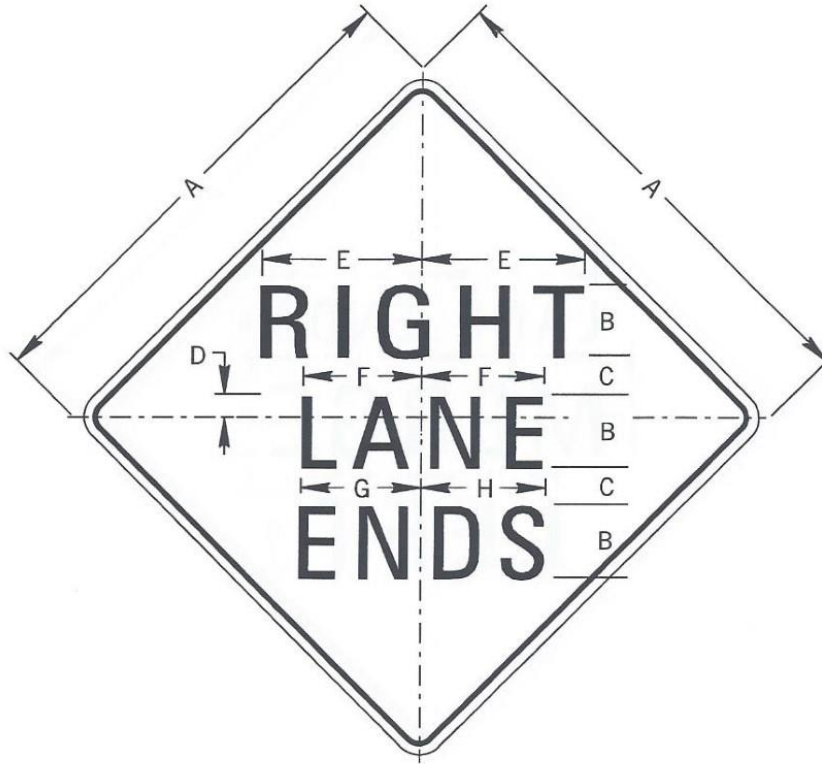
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W9-1R

RIGHT LANE ENDS SIGN

The Right Lane Ends Sign (W9-1R) shall be authorized for use in advance of the Pavement Width Transition-Right Lane Ends Sign (W4-2R) or the Lane Ends Merge Left Sign (W9-2L).



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	65 (2.6)	40 (1.6)	233 (9.1)	204 (8)	200 (7.9)	210 (8.2)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	150D (6D)	75 (3)	50 (2)	280 (11.1)	245 (9.6)	238 (9.4)	253 (10)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200D (8D)	100 (4)	75 (3)	375 (14.8)	327 (12.9)	320 (12.6)	339 (13.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

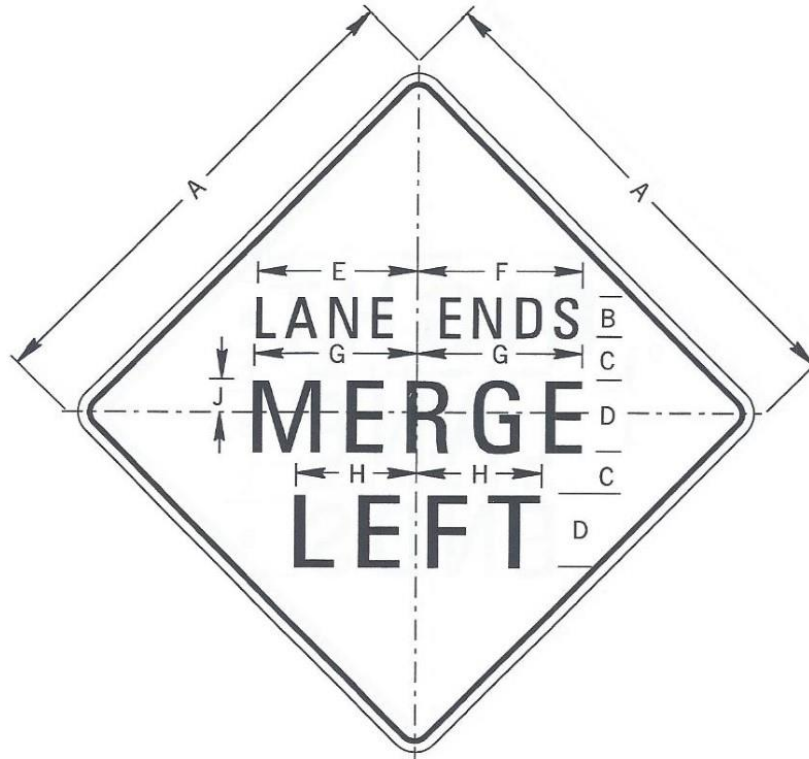
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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).



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	75C (3C)	65 (2.6)	125D (5D)	227 (8.9)	234 (9.2)	265 (10.4)	187 (7.3)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	100C (4C)	75 (3)	150D (6D)	290 (11.4)	300 (11.8)	318 (12.6)	224 (8.9)	75 (3)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	90 (3.6)	200D (8D)	422 (16.6)	434 (17.1)	426 (16.8)	299 (11.8)	65 (2.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

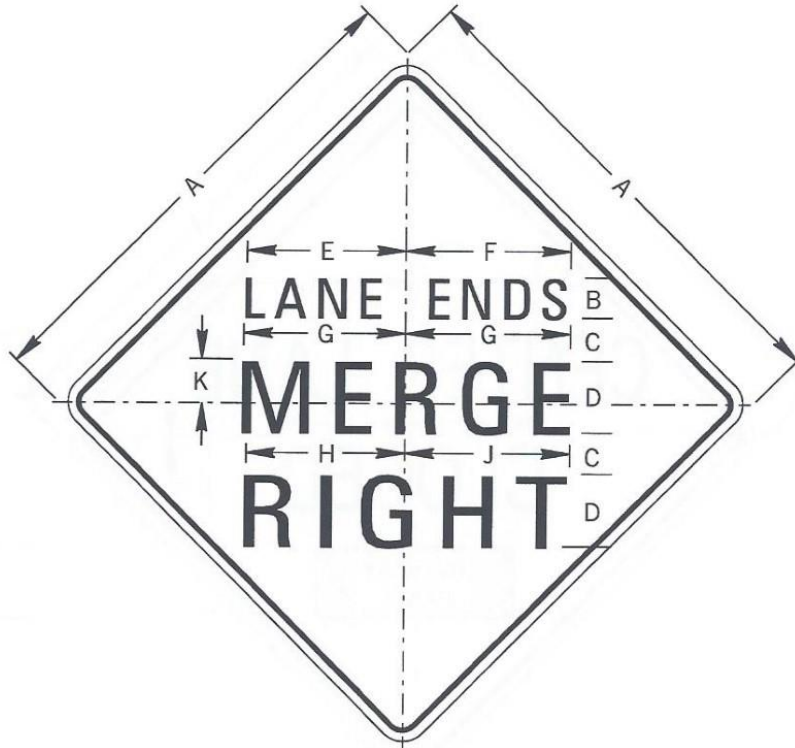
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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).



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	75C (3C)	65 (2.6)	125D (5D)	227 (8.9)	234 (9.2)	265 (10.4)	225 (8.8)	241 (9.5)	65 (2.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	100C (4C)	75 (3)	150D (6D)	290 (11.4)	300 (11.8)	318 (12.6)	265 (10.5)	294 (11.6)	75 (3)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	90 (3.6)	200D (8D)	422 (16.6)	434 (17.1)	426 (16.8)	355 (14)	394 (15.5)	85 (3.4)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

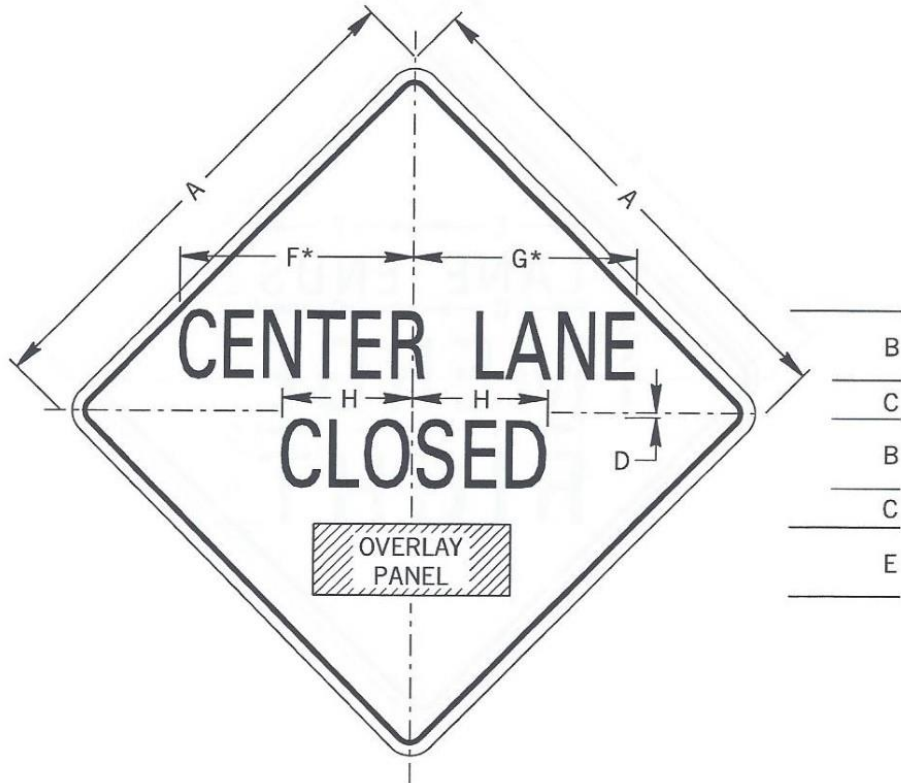
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W9-3

CENTER LANE CLOSED SIGN

The Center Lane Closed Sign (W9-3) 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 - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	70 (2.8)	10 (0.4)	125C (5C)	417 (16.4)	405 (16)	262 (10.3)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	150C (6C)	85 (3.4)	12 (0.5)	150C (6C)	497 (19.6)	484 (19.2)	313 (12.3)	15 (0.6)	20 (0.8)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

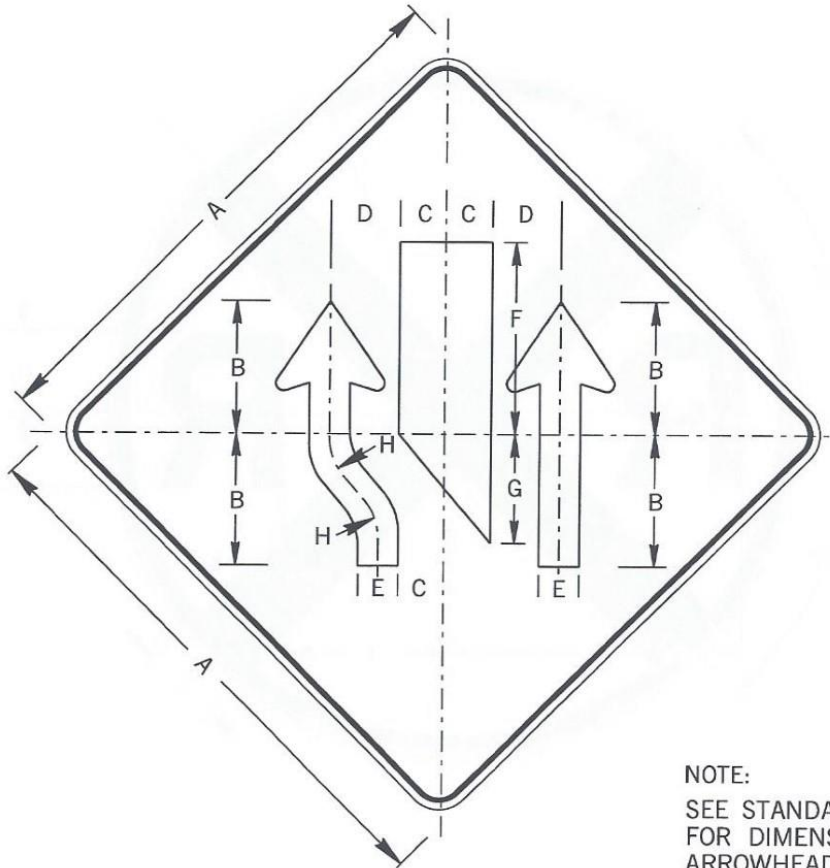
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W9-3A

CENTER LANE MUST SHIFT LEFT

The Center Lane Must Shift Left Sign (W9-3A) 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 - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	215 (8.6)	75 (3)	113 (4.5)	65 (2.6)	313 (12.5)	178 (7.1)	170 (6.8)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	345 (13.8)	120 (4.8)	180 (7.2)	105 (4.2)	500 (20)	285 (11.4)	270 (10.8)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

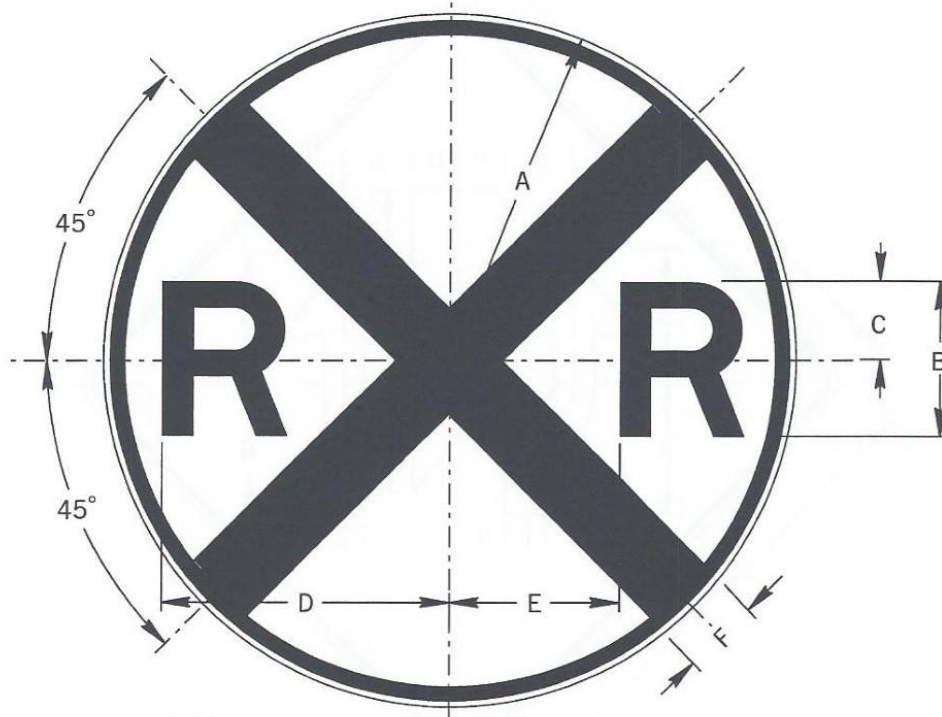
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-1

RAILROAD WARNING SIGN

(a) Justification. The Railroad Warning Sign (W10-1) may be used in advance of railroad crossings where an intersection is not located within 30 m (100') in advance of the railroad crossing.

(b) Placement. The W10-1 sign shall be placed not less than 30 m (100') in advance of the crossing but may be placed a greater distance because of roadway alignment or prevailing speeds.



DIMENSIONS - mm (IN)									
SIGN SIZE	A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 DIA. (36") DIA.	450 (18)	200E (8E)	100 (4)	360 (14.4)	215 (8.6)	100 (4)	10 (0.4)	20 (0.8)	B4-900 (B4-36)
1200 DIA. (48") DIA.	600 (24)	250E (10E)	125 (5)	460 (18.4)	290 (11.6)	125 (5)	10 (0.4)	20 (0.8)	—

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

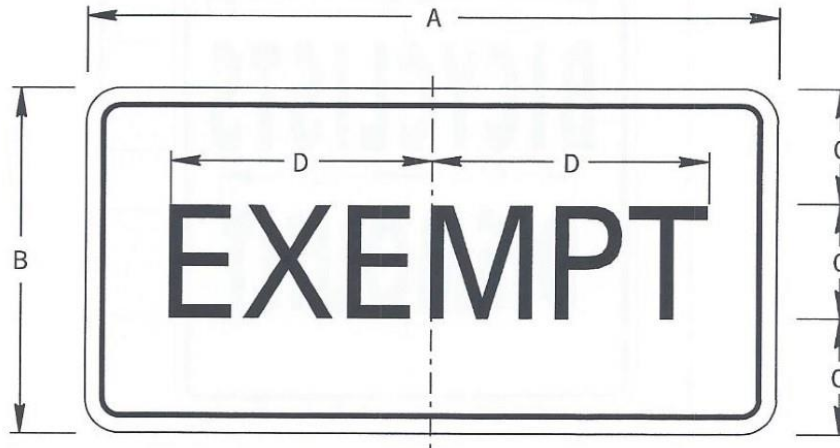
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-1A

EXEMPT RAILROAD WARNING SIGN

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

(b) Placement. When used, the W10-1A sign shall be mounted below the Railroad Warning Sign (W10-1).



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	100D (4D)	250 (9.8)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

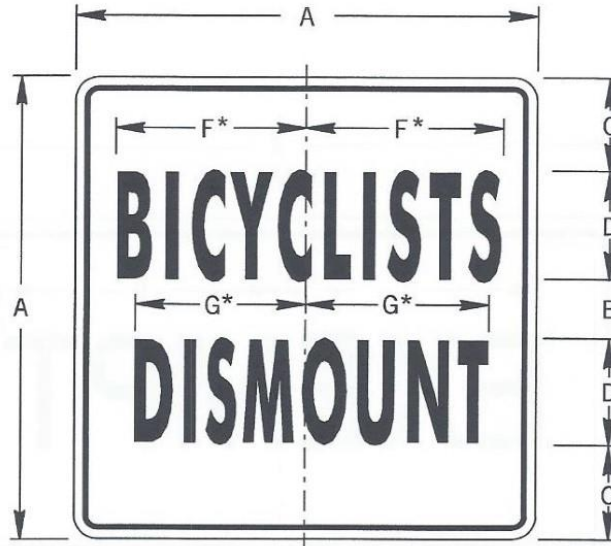
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-1B

BICYCLISTS DISMOUNT SIGN

The Bicyclists Dismount Sign (W10-1B) may be used beneath the Railroad Warning Sign (W10-1) when a hazardous condition exists resulting in bicycle accidents due to the angle between the roadway and the railroad grade crossing.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	87 (3.5)	100B (4B)	76 (3)	200 (7.9)	172 (6.8)	10 (0.4)	10 (0.4)	B3-450 (B3-18)
600 x 600 (24" x 24")	125 (5)	125B (5B)	100 (4)	250 (9.8)	215 (8.5)	10 (0.4)	15 (0.6)	B3-600 (B3-24)

* REDUCE SPACING 80 %

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

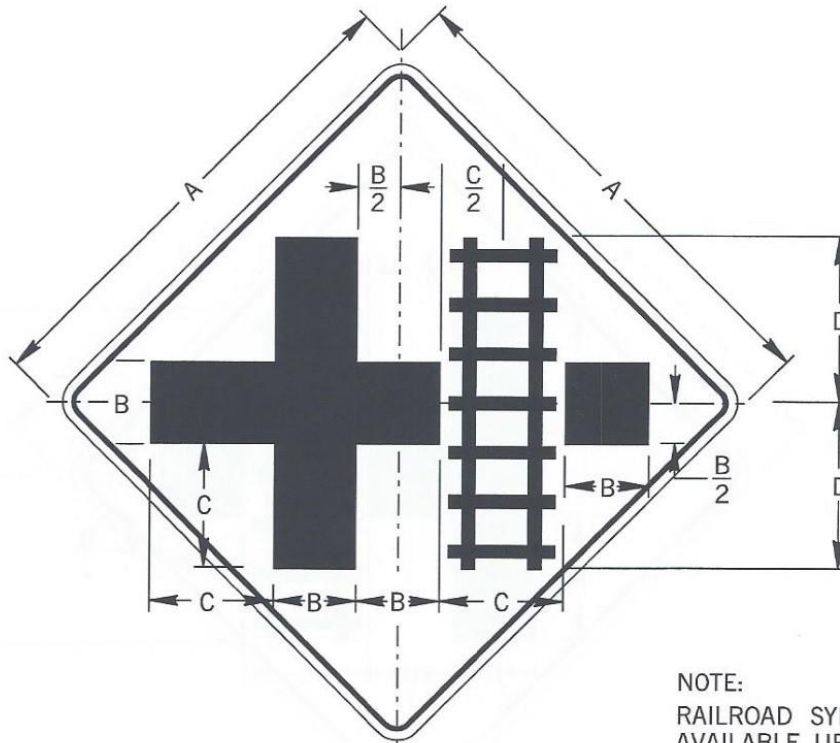
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-2

RAILROAD CROSSING AT CROSS ROAD SIGN

The Railroad Crossing at Cross Road Sign (W10-2) may be used in advance of a cross road which has a railroad grade crossing on one roadway within 30 m (100') of the intersection. The sign should be rotated to depict the proper orientation of the roadways.



NOTE:
RAILROAD SYMBOL
AVAILABLE UPON
REQUEST

DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150 (6)	225 (9)	300 (12)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200 (8)	300 (12)	400 (16)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

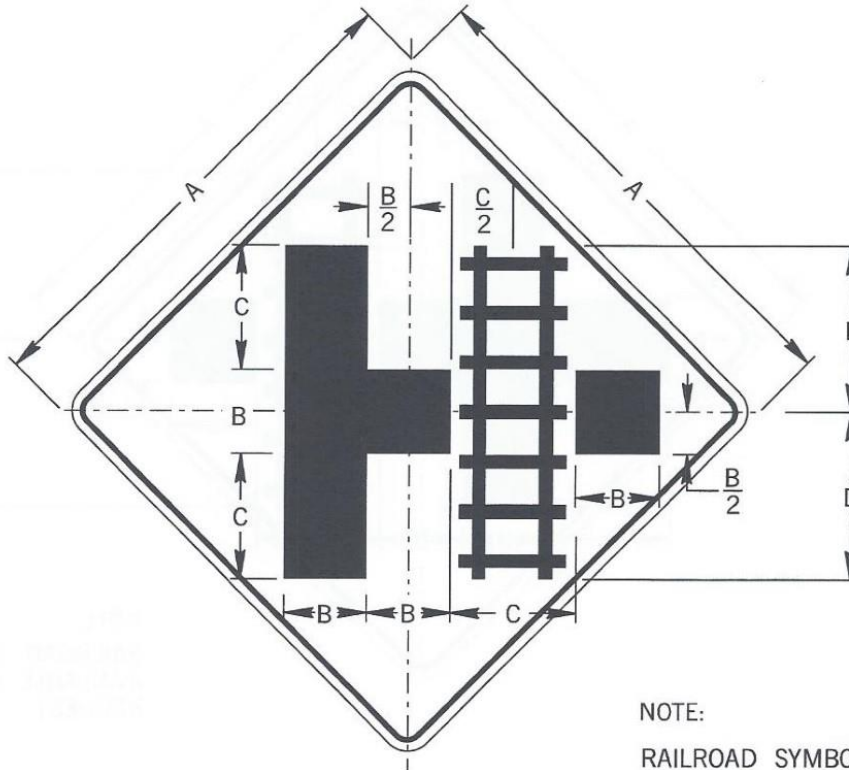
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-3

RAILROAD CROSSING ON SIDE ROAD SIGN

The Railroad Crossing On Side Road Sign (W10-3) may be used in advance of a side road which has a railroad grade crossing on the side road within 30 m (100') of the intersection. At the same intersection, the sign may be used on the stem of the "T" intersection. When used, the sign should be rotated to depict the proper orientation of the roadway.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150 (6)	225 (9)	300 (12)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200 (8)	300 (12)	400 (16)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

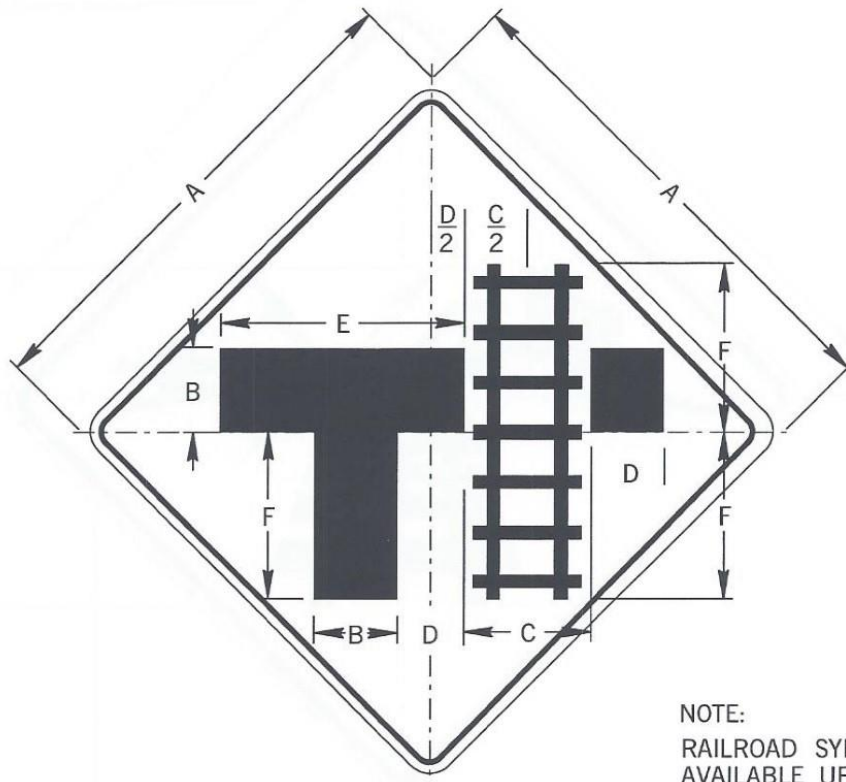
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-4 and W10-4A

RAILROAD CROSSING ON STEM OF "T" INTERSECTION SIGN

The Railroad Crossing On Stem of "T" Intersection Sign (W10-4) may be used in advance of a "T" intersection with a railroad grade crossing on the right leg of the intersecting roadway and within 30 m (100') of the intersection. The W10-4A sign (the mirror image of the W10-4 sign) may be used when the railroad grade crossing is on the left leg and within 30 m (100') of the intersection. The W10-4 and W10-4A signs may also be used, as appropriate, at the same intersection on the approach to the side road. When used, the W10-4 and W10-4A signs should be rotated to depict the proper orientation of the roadways.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	150 (6)	225 (9)	100 (4)	425 (13)	300 (12)	15 (0.6)	25 (1)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	200 (8)	300 (12)	125 (5)	570 (22.8)	400 (16)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

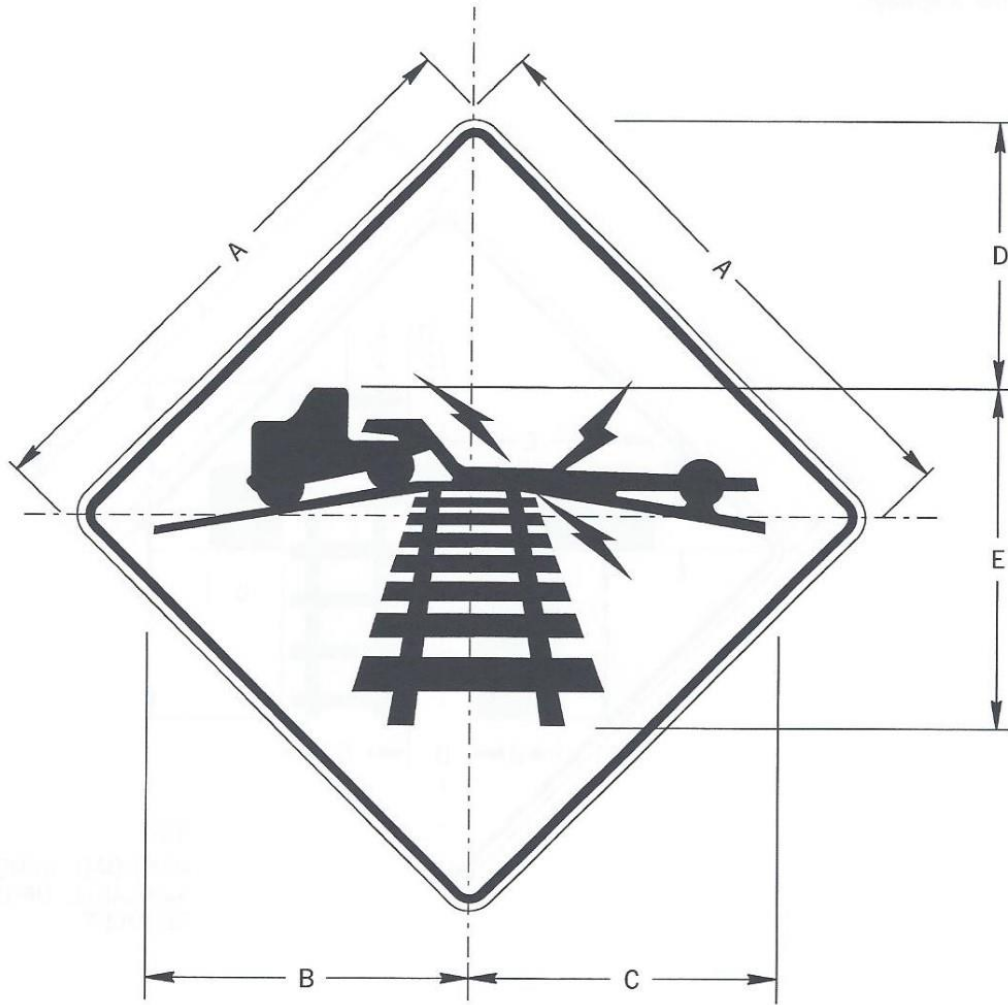
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-5

LOW GROUND CLEARANCE HIGHWAY-RAIL GRADE CROSSING SIGN

The Low Ground Clearance Highway-Rail 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 - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	482 (19.3)	472 (18.9)	386 (15.2)	540 (21.6)	15 (0.6)	25 (1)	B3-900 (B3-36)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

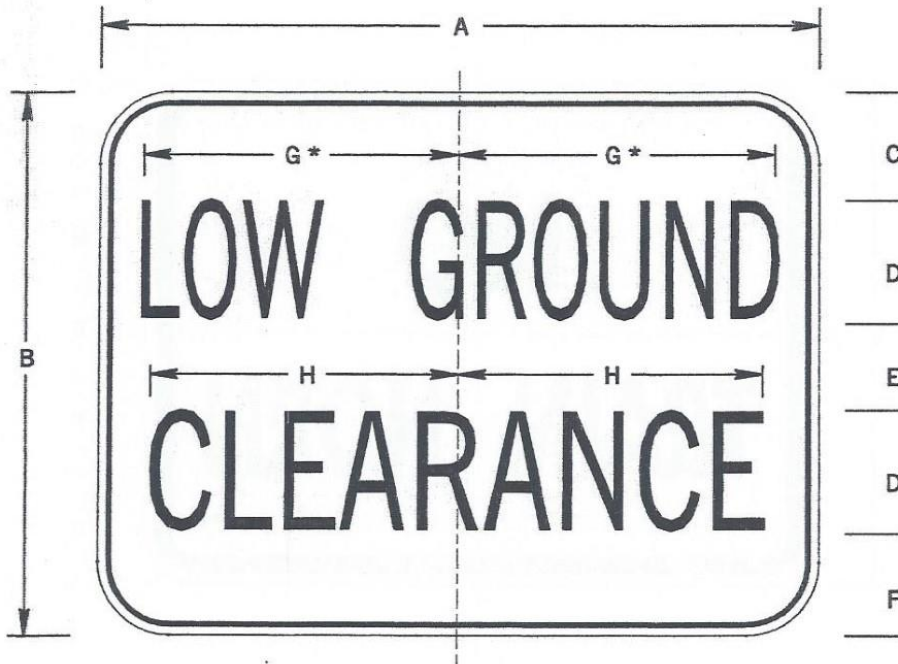
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-5-1

LOW GROUND CLEARANCE HIGHWAY-RAIL GRADE CROSSING PLAQUE

The Low Ground Clearance Highway-Rail Grade Crossing Plaque (W10-5-1) may be used as an educational plaque below the Low Ground Clearance Highway-Rail Grade Crossing Sign (W10-5).



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	88 (3.5)	100B (4B)	75 (3)	87 (3.5)	263 (10.4)	257 (10.1)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

* REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W10-9

NO TRAIN HORN SIGN

The No Train Horn Sign (W10-9) may be erected in advance of railroad crossing within officially designated "Quiet Zones". The W10-9 Sign shall be erected below the railroad warning sign (W10-1).



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	97 (3.7)	90D (3.75D)	76 (3)	90B (3.75B)	97 (3.8)	72 (3)	246 (9.9)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

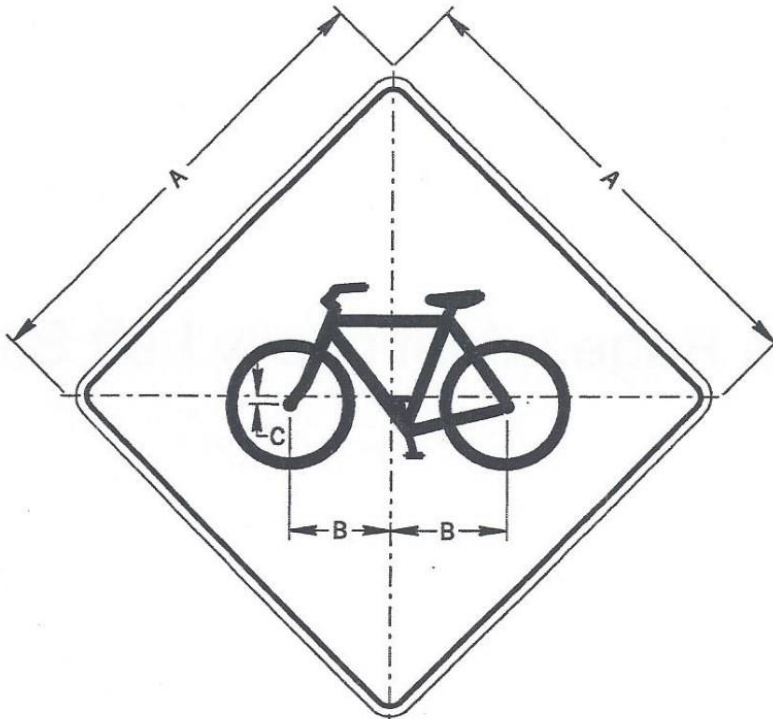
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (W16-7P).



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	215 (8.6)	25 (1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW-GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

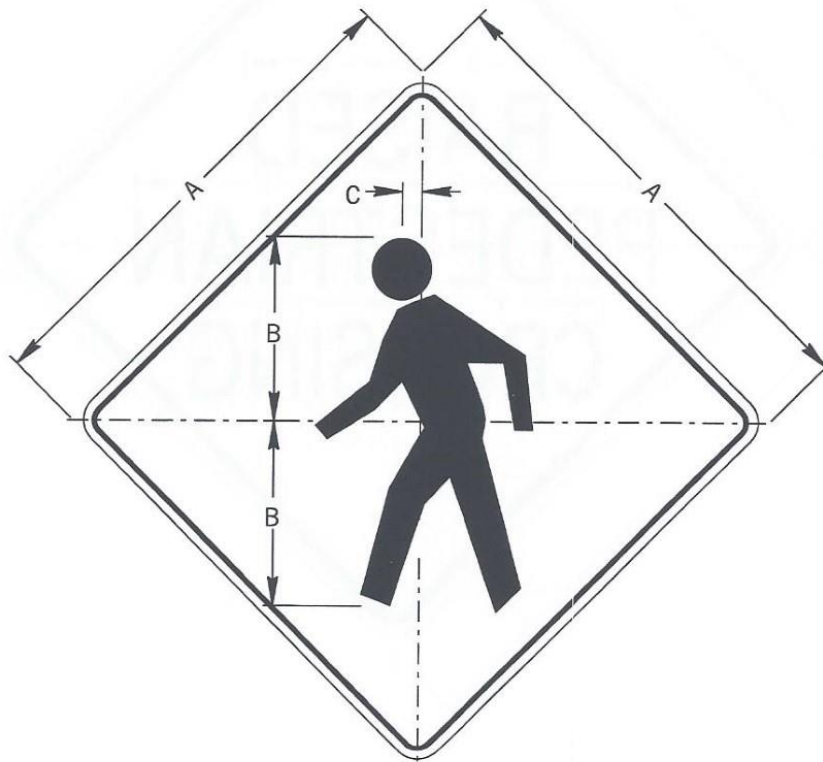
W11-2

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 () Feet Plaque (W16-2) 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 (W16-7P) showing the location of the crossing, which may or may not have crosswalk marking.

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



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	340 (13.6)	38 (1.5)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

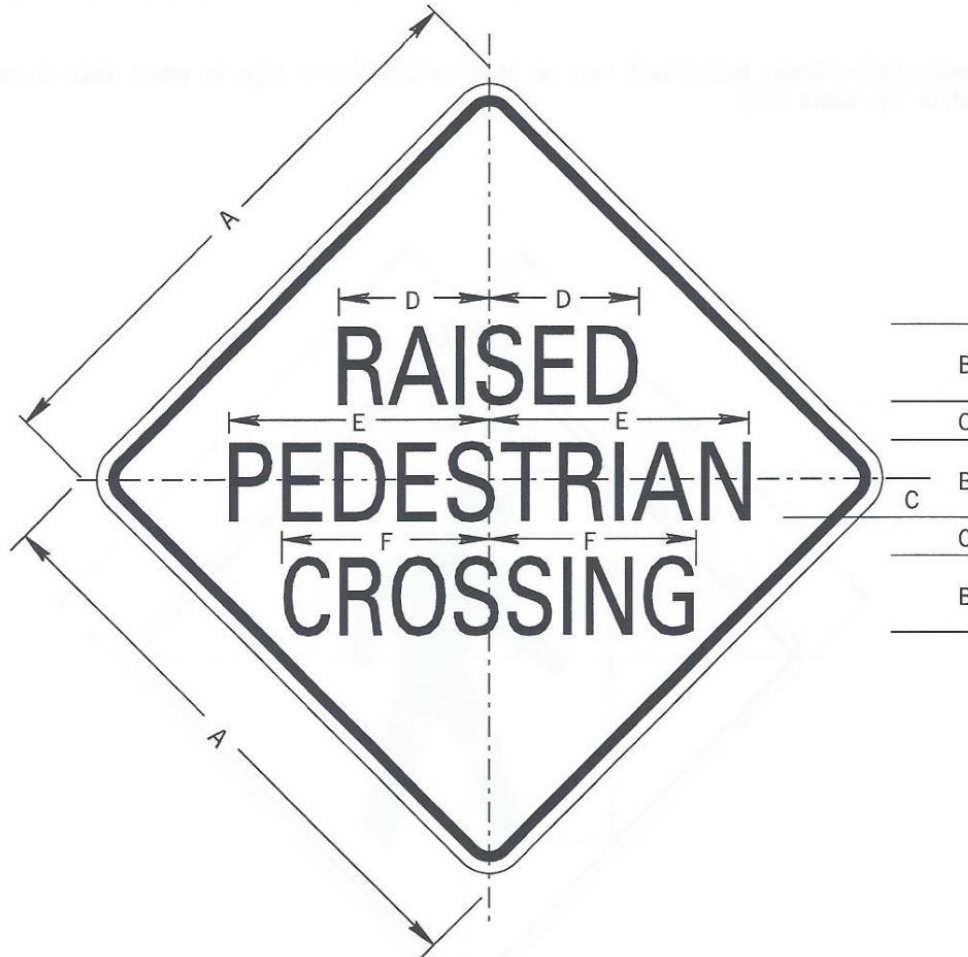
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-2A

RAISED PEDESTRIAN CROSSING SIGN

The Raised Pedestrian Crossing Sign (W11-2A) should be used in advance of raised crosswalks and raised intersections in accordance with Publication 383 "Pennsylvania's Traffic Calming Handbook".



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	50 (2)	195 (7.7)	338 (13.3)	269 (10.7)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

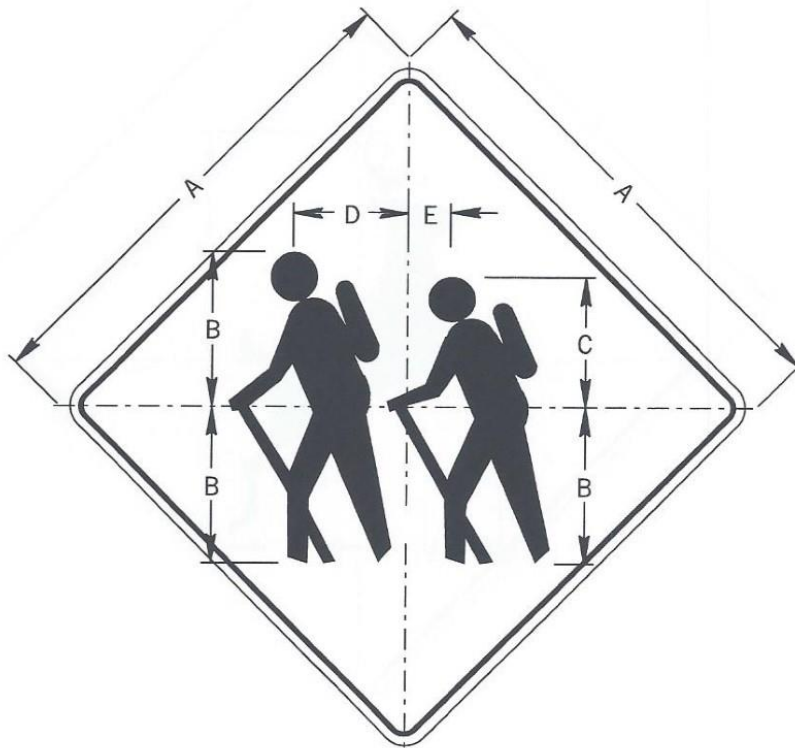
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	240 (9.6)	215 (8.6)	167 (6.7)	88 (3.5)	10 (0.4)	15 (0.6)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

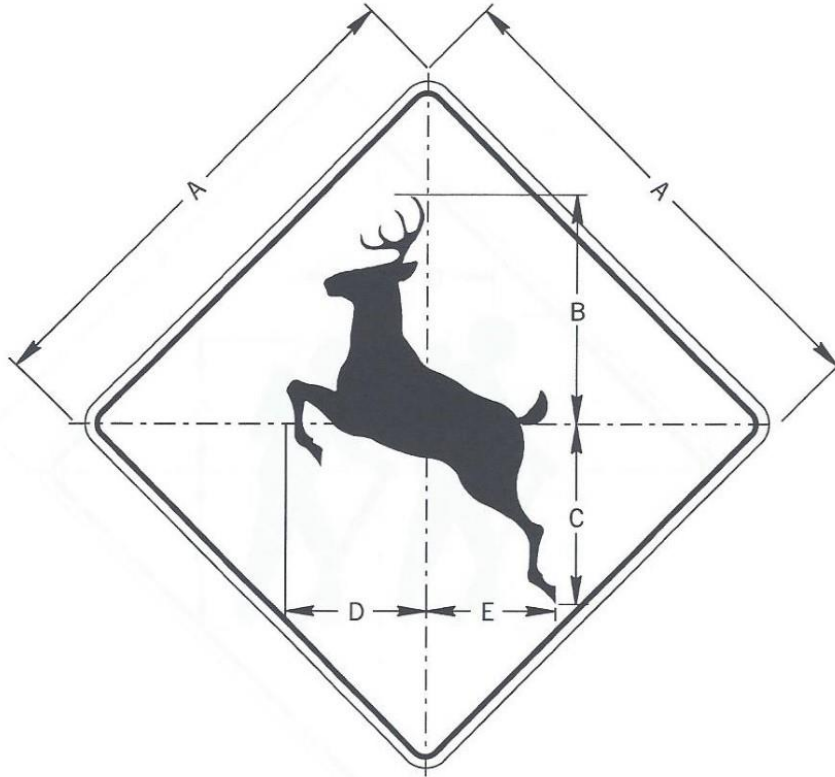
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 – mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	338 (13.5)	250 (10)	206 (8.2)	188 (7.5)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	531 (21.2)	394 (15.8)	325 (13)	294 (11.8)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

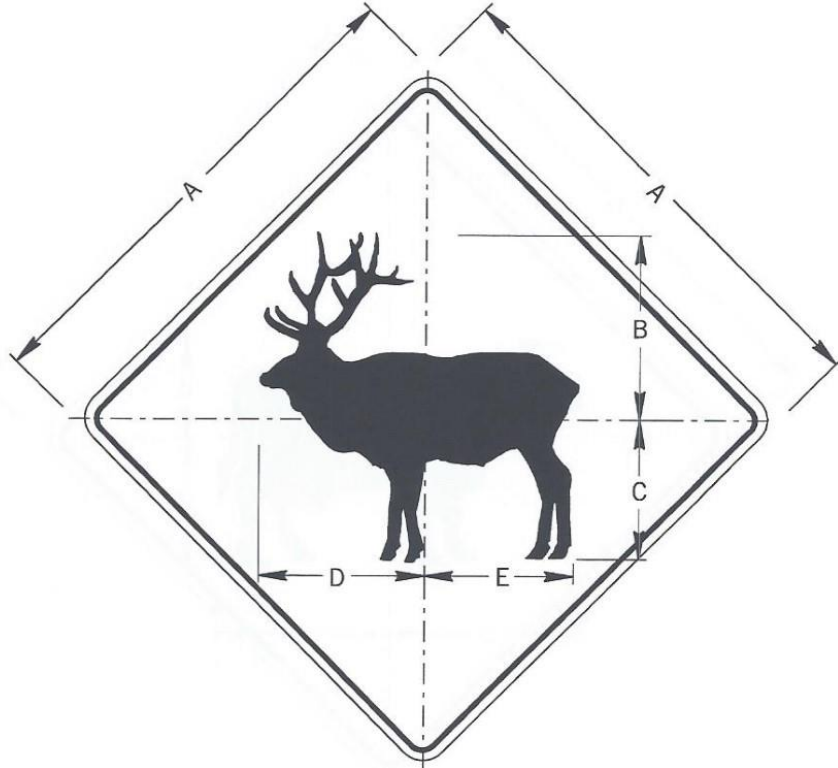
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-3A

ELK CROSSING SIGN

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



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	222 (8.9)	248 (9.9)	241 (9.6)	216 (8.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

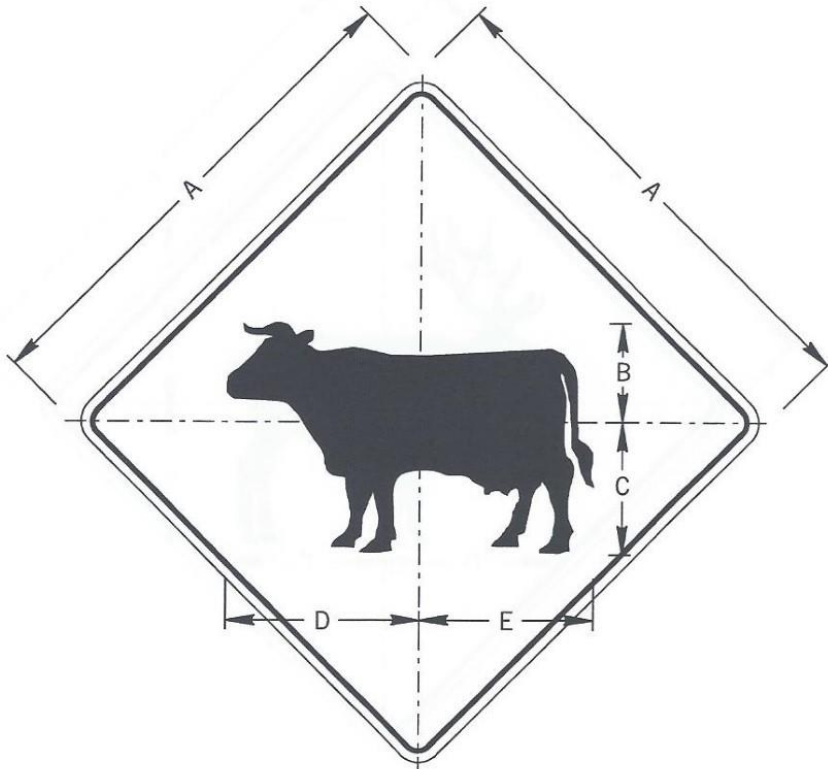
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-4

CATTLE CROSSING SIGN

The Cattle Crossing Sign (W11-4) may be used to warn of locations where cattle regularly cross the roadway. Its use should be kept to a minimum, indicating only those crossings which are hazardous by reason of poor sight distance. The W11-4 sign may be supplemented with the () Feet Plaque (W16-2).

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



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	150 (6)	200 (8)	294 (11.8)	262 (10.5)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

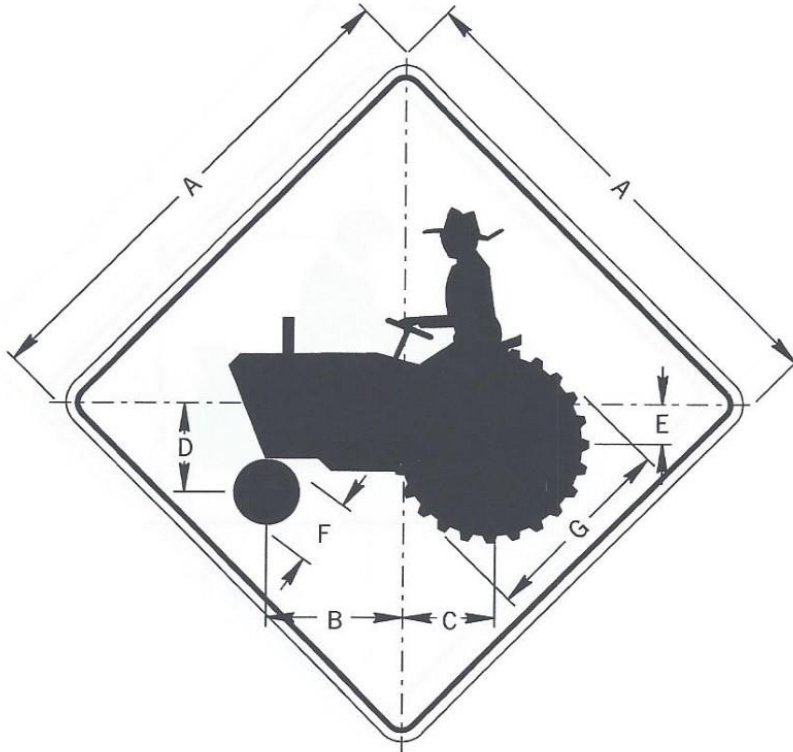
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-5

FARM MACHINERY SIGN

The Farm Machinery Sign (W11-5) will be authorized to warn of the unexpected hazard of farm machinery regularly crossing or using the roadway.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	219 (8.8)	119 (4.8)	138 (5.5)	44 (1.8)	125 (5)	300 (12)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-6

SNOWMOBILE CROSSING SIGN

The Snowmobile Crossing Sign (W11-6) may be used when an official snowmobile crossing intersects a street or highway.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	285 (11.4)	139 (5.6)	317 (12.7)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

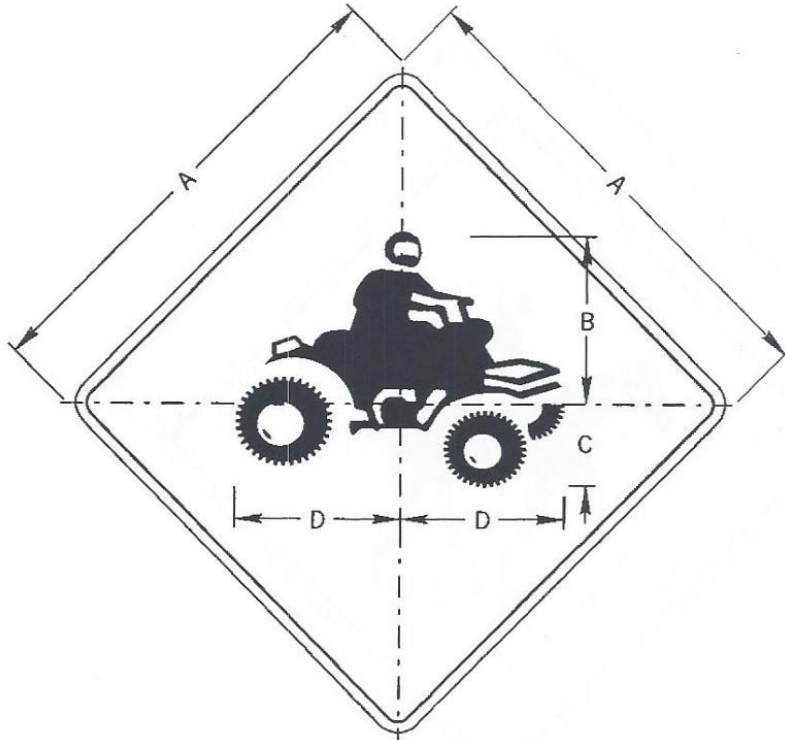
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-6-1

ATV CROSSING SIGN

The ATV Crossing Sign (W11-6-1) may be used when an official ATV crossing intersects a street or highway.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	285 (11.4)	139 (5.6)	278 (11.1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

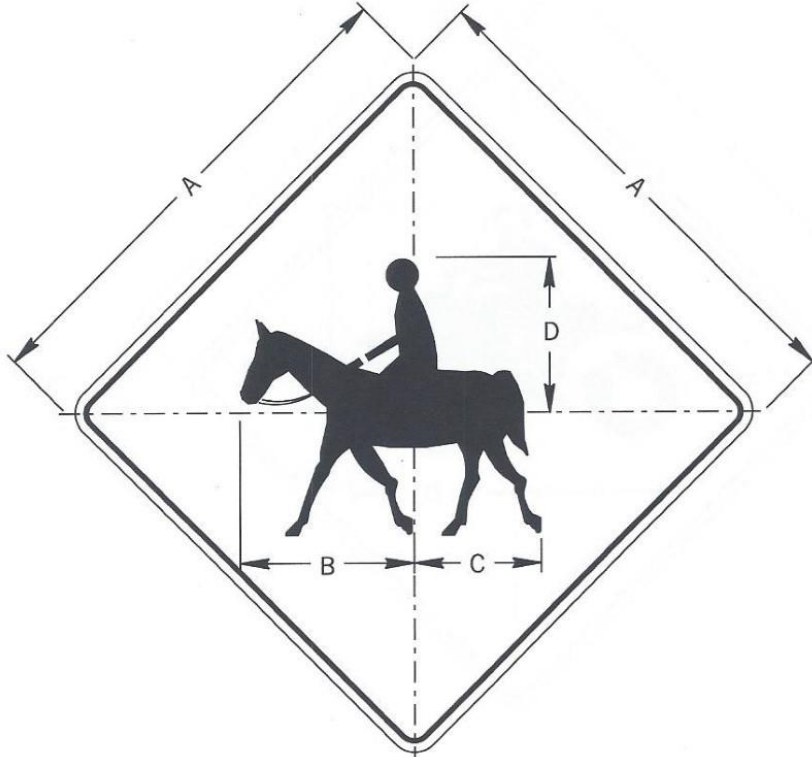
By: James P. Tomaglia Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (W11-20).

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



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	325 (13)	250 (10)	325 (13)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

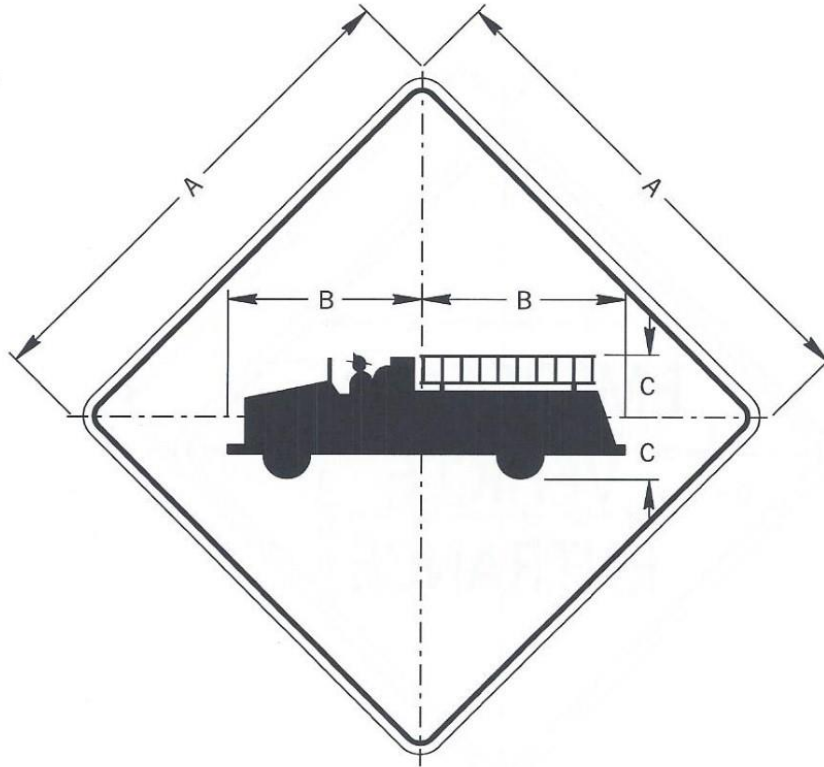
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-8

FIRE STATION SIGN

The Fire Station Sign (W11-8) will be authorized for use to indicate the presence of a fire station which is adjacent to the highway or located on an intersecting street and the fire apparatus frequently enter or cross the highway. Its use shall be limited to locations where traffic conditions such as approach speed, visibility, and possible conflicts are such that special warning is desirable.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	345 (13.8)	110 (4.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	415 (16.6)	132 (5.3)	20 (0.8)	25 (1)	B3-900 (B3-36)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

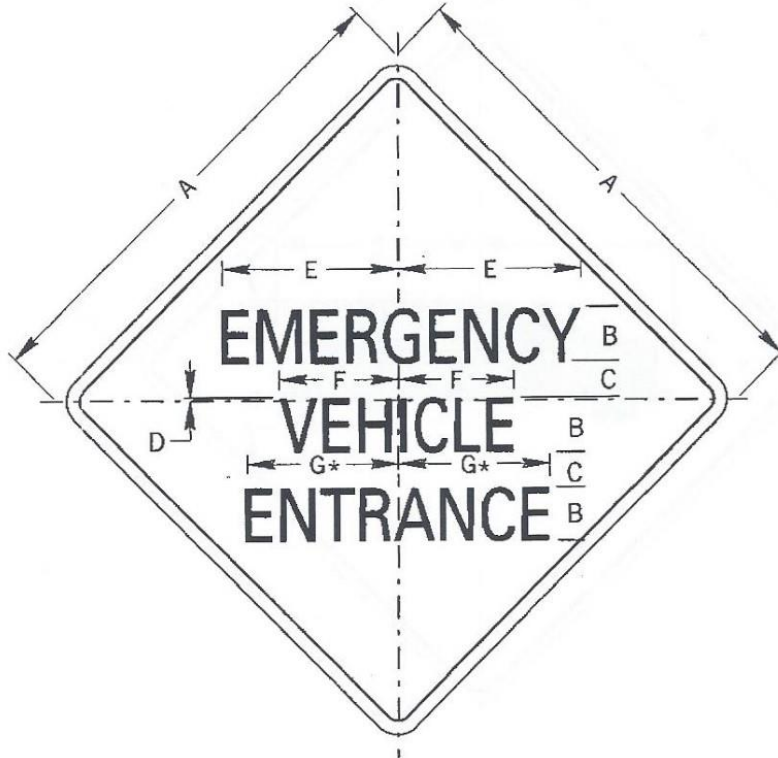
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-8-2

EMERGENCY VEHICLE ENTRANCE SIGN

The Emergency Vehicle Entrance Sign (W11-8-2) will be authorized for use to indicate the presence of one or more facilities for emergency vehicles — such as fire, police, or ambulance vehicles — which are located adjacent to the highway or on an intersecting street where emergency vehicles frequently enter or cross the highway. Its use shall be limited to locations where traffic conditions such as approach speed, visibility, and possible conflicts are such that special warning is desirable. The W11-8-2 sign shall not be used in conjunction with the Fire Station Sign (W11-8).



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	75D (3D)	63 (2.5)	12 (0.5)	294 (11.5)	202 (7.9)	230 (9.0)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	100D (4D)	65 (2.6)	6 (0.2)	392 (15.4)	269 (10.6)	306 (12)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *James P. Anagnino* Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (W16-7P).

(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 - mm (IN)				
SIGN SIZE A x A	B	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	285 (11.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	340 (13.6)	15 (0.6)	25 (1)	B3-900 (B3-36)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

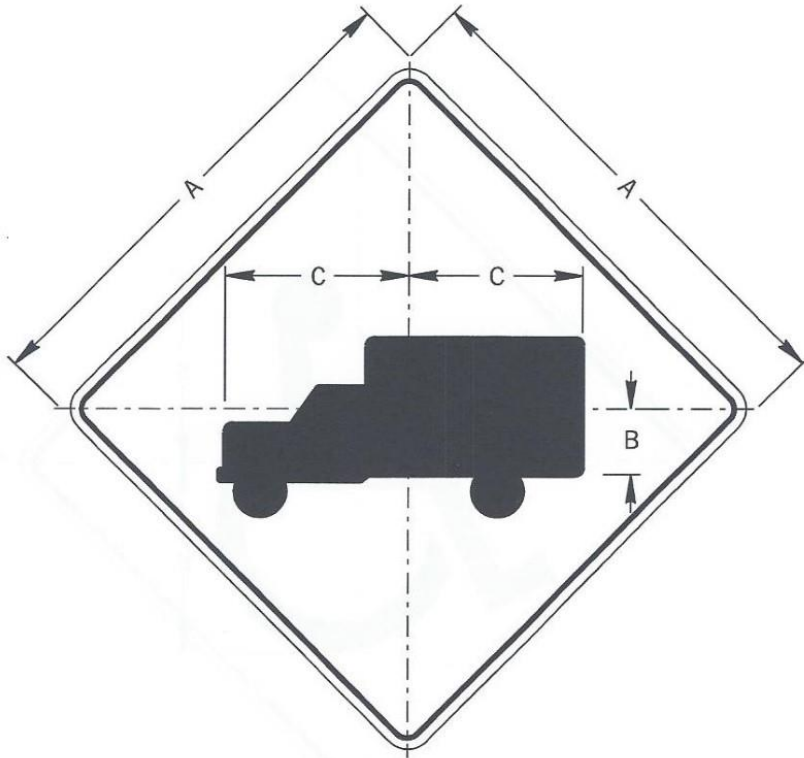
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-10

TRUCK CROSSING SIGN

The Truck Crossing Sign (W11-10) shall be authorized for use to warn motorists of hazardous crossings caused by heavy truck traffic in connection with mining, construction, or similar operations. This sign shall be removed when the operation is terminated.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	112 (4.5)	300 (12)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	175 (7)	475 (19)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

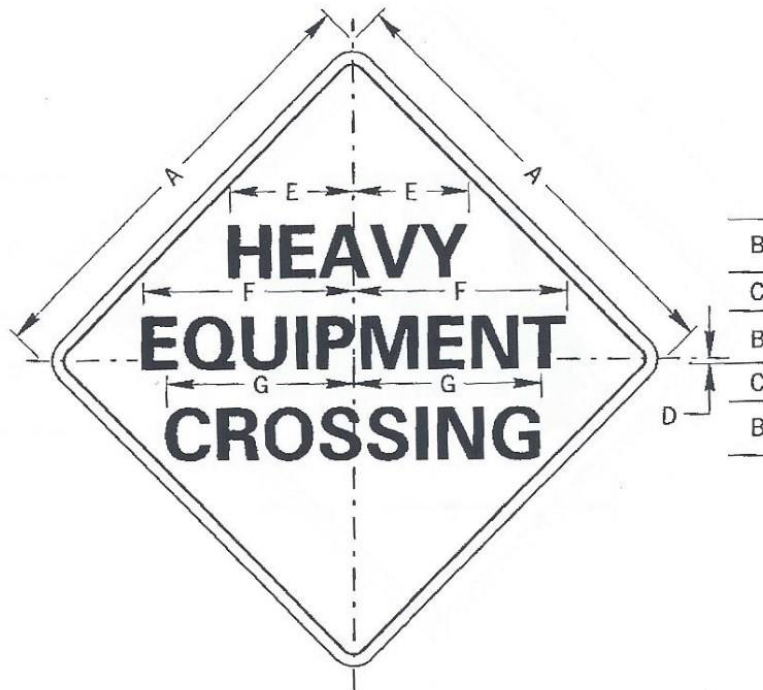
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-10-1

HEAVY EQUIPMENT CROSSING SIGN

The Heavy Equipment Crossing Sign (W11-10-1) may be used to warn of locations where heavy equipment (such as bulldozers, earthmoving equipment, heavy trucks, etc.) regularly cross the roadway in conjunction with mining, construction, sanitary landfills, or similar operations. If the operation is permanently terminated, the sign shall be removed.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	63 (2.5)	10 (0.4)	170 (6.7)	307 (12.1)	269 (10.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	10 (0.4)	213 (8.4)	385 (15.2)	338 (13.3)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

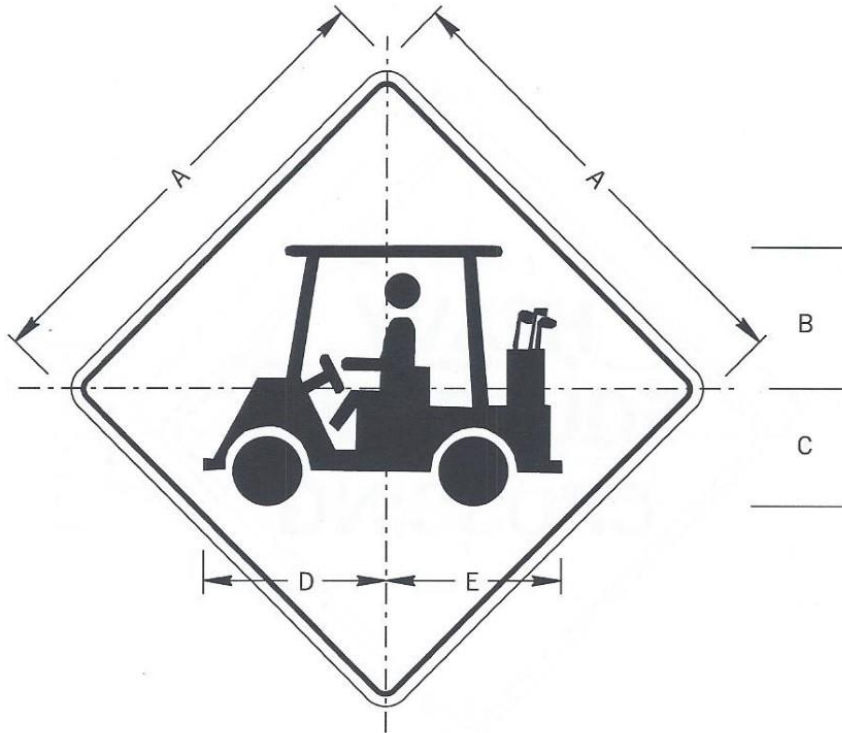
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: James P. Penaglia Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	228 (9.1)	190 (7.6)	297 (11.9)	286 (11.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

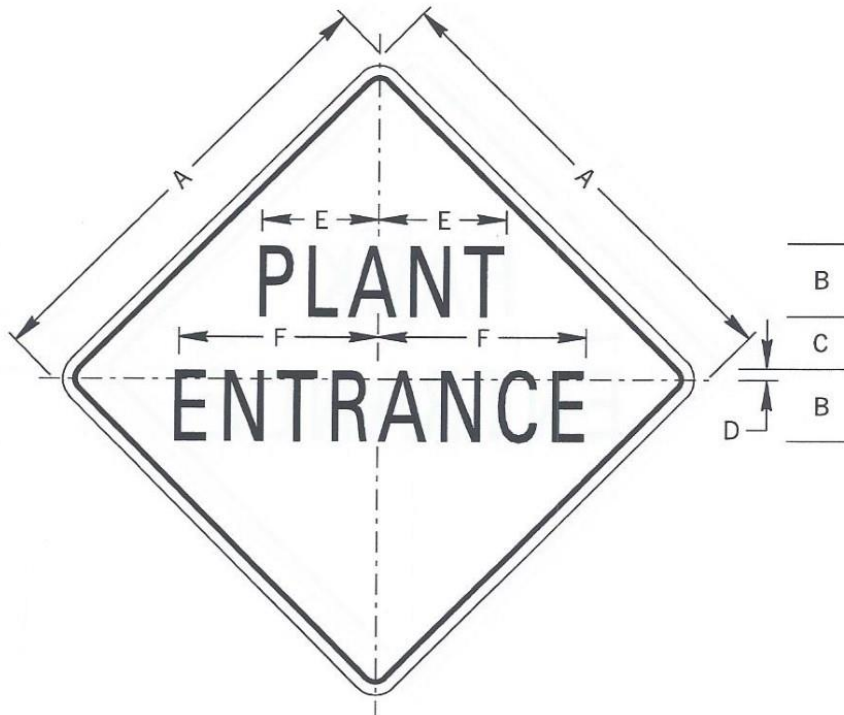
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-12

PLANT ENTRANCE SIGN

The Plant Entrance Sign (W11-12) shall be authorized for use to denote a factory which is adjacent to the highway, but only outside of built-up industrial areas.

Its use shall be limited to locations where traffic conditions such as approach speeds, visibility and conflicts are such that a special warning is desirable.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	75 (3)	10 (0.4)	212 (8.3)	353 (13.9)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-13

PARK ENTRANCE SIGN

The Park Entrance Sign (W11-12) shall be authorized for use to denote a driveway to a park which is adjacent to the highway.

Its use shall be limited to locations where traffic conditions such as approach speeds, visibility and conflicts are such that special warning is desirable.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	75 (3)	125C (5C)	221 (8.7)	353 (13.9)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

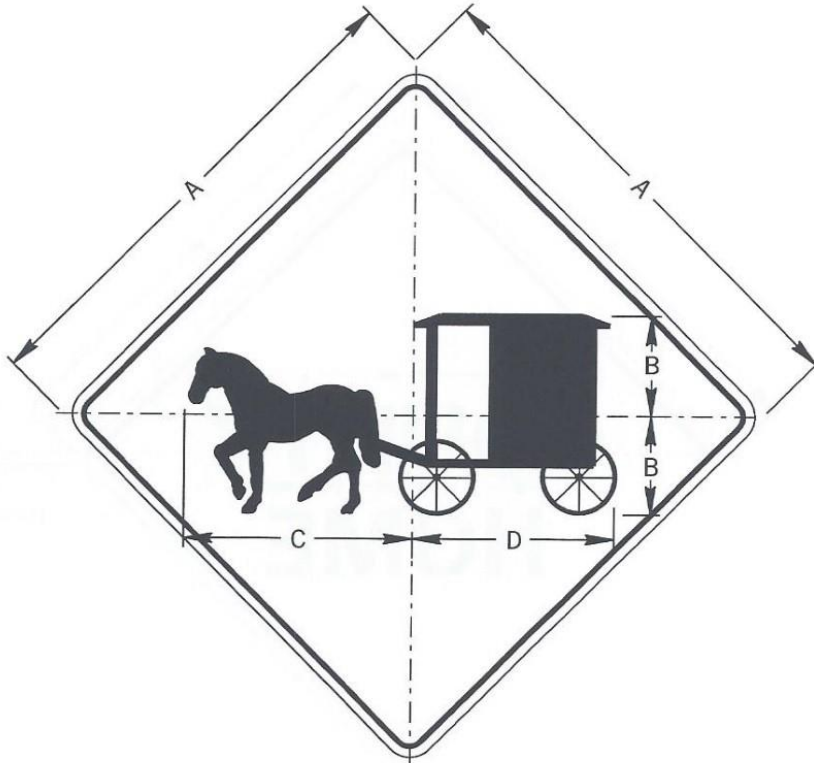
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	150 (6)	344 (13.8)	312 (12.5)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

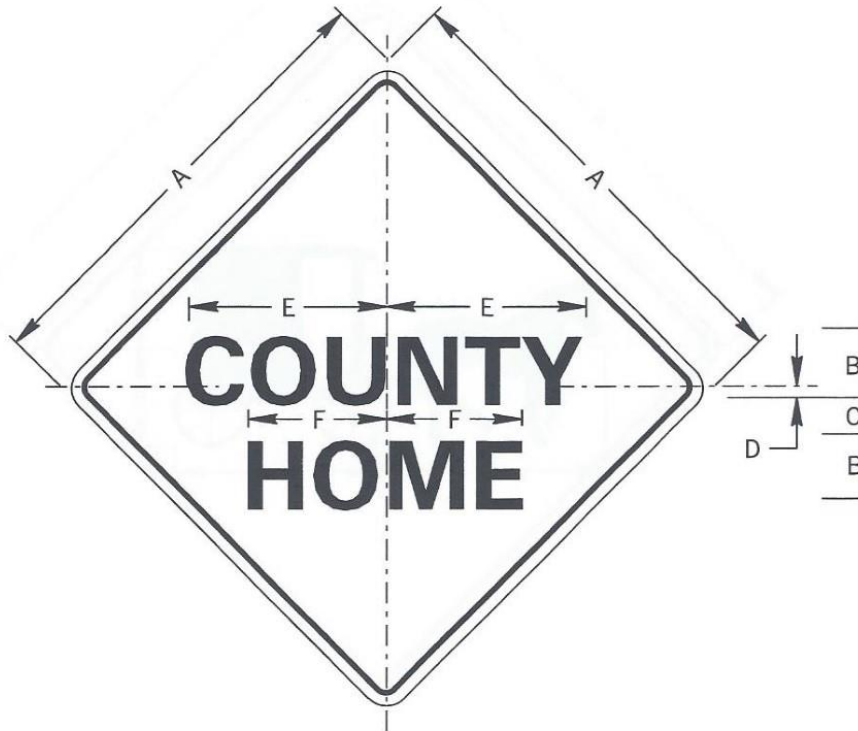
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-15

COUNTY HOME SIGN

The County Home Sign (W11-15) may be authorized for use at locations where the county home or its grounds are adjacent to the highway.

Its use shall be limited to locations where traffic conditions such as approach speeds, visibility and conflicts are such that special warning is desirable.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	50 (2)	25 (1)	322 (12.7)	219 (8.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

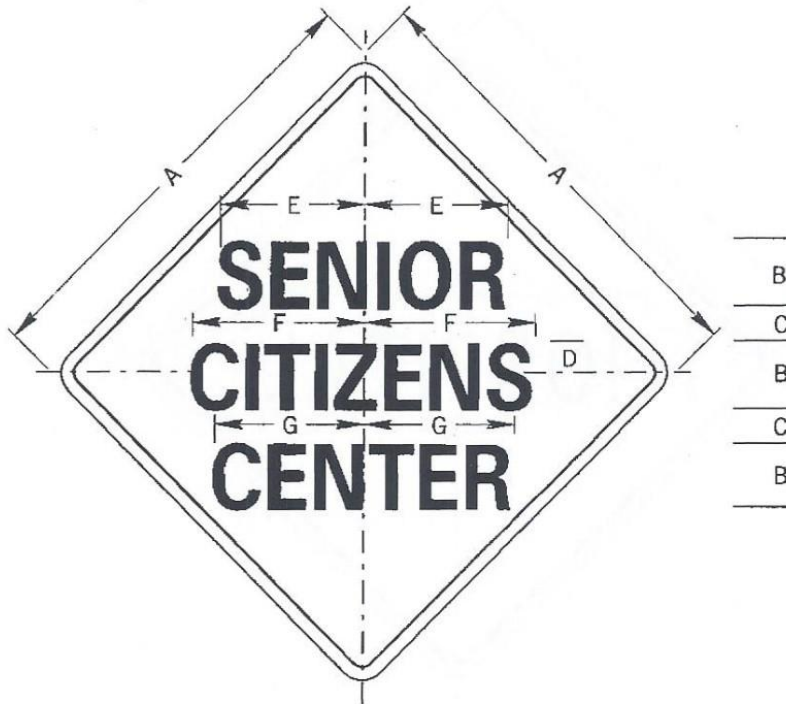
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-15-1

SENIOR CITIZENS CENTER SIGN

The Senior Citizens Center Sign (W11-15-1) may be used to warn of senior citizens centers adjacent to 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.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	75 (3)	50 (2)	196 (7.7)	240 (9.5)	202 (8)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	125C (5C)	75 (3)	63 (2.5)	246 (9.7)	301 (11.9)	254 (10.1)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

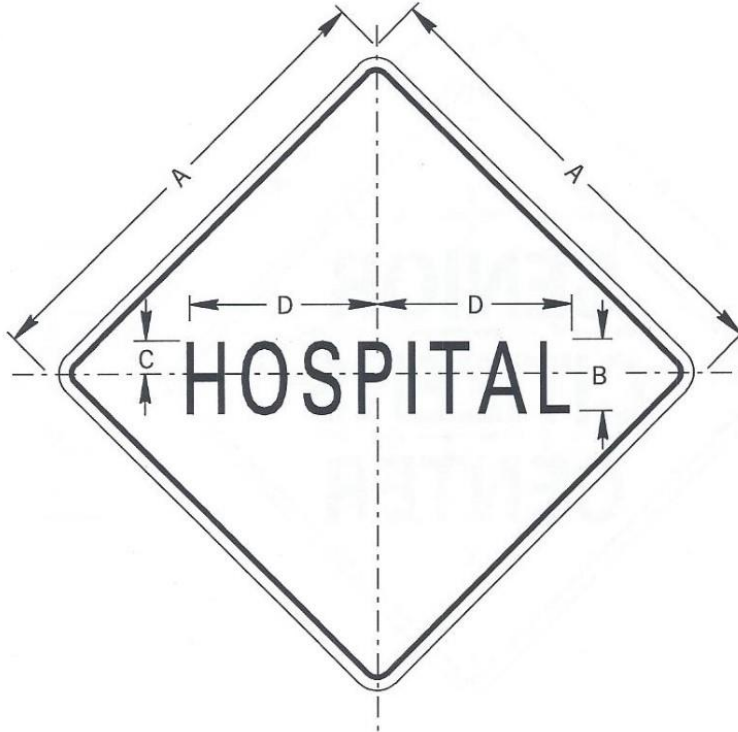
By: *John P. Amaglio* Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-16

HOSPITAL SIGN

The Hospital Sign (W11-16) shall be authorized for use to indicate an access point to a hospital.

Its use shall be limited to locations where traffic conditions such as approach speeds, visibility and conflicts are such that special warning is desirable.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	63 (2.5)	397 (15.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

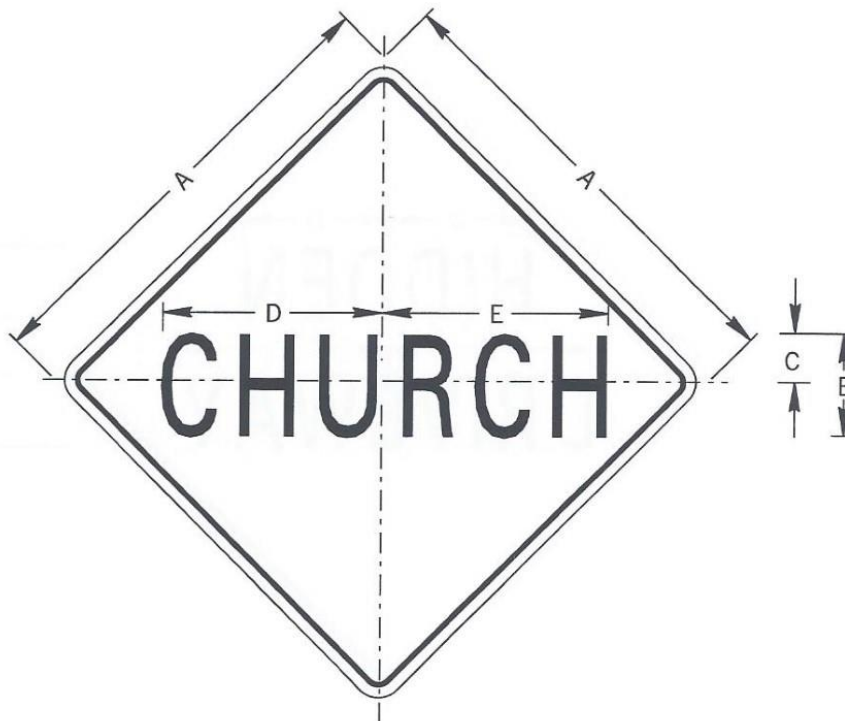
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-17

CHURCH SIGN

The Church Sign (W11-17) shall be authorized for use to indicate an access point to a church. Its use shall be limited to locations where traffic conditions such as approach speeds, visibility, and conflicts are such that special warning is desirable.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	150D (6D)	75 (3)	390 (15.5)	378 (14.9)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-19A

HIDDEN DRIVEWAY SIGN

The Hidden Driveway Sign (W11-19A) shall be authorized for use to denote the presence of a driveway or alley at which the sight distance is restricted.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	75 (3)	244 (9.6)	339 (13.3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

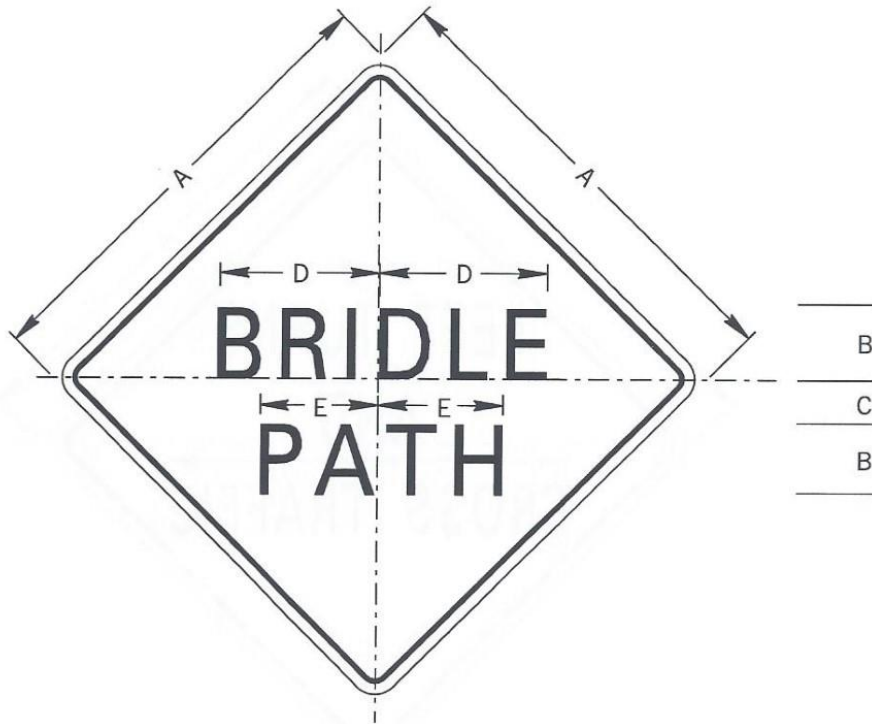
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-20

BRIDLE PATH SIGN

The Bridle Path Sign (W11-20) shall be authorized for use along roads where a number of horses normally walk beside or cross the roadway.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	75 (3)	287 (11.3)	204 (8.1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

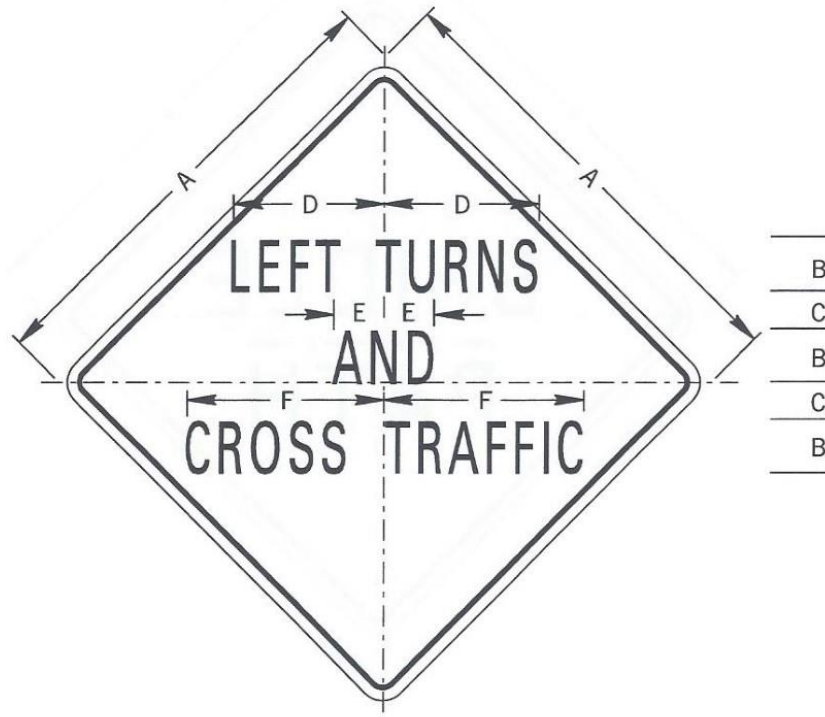
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-21

LEFT TURNS AND CROSS TRAFFIC SIGN

The Left Turns and Cross Traffic Sign (W11-21) shall be authorized for use in advance of or within areas on limited or noncontrolled multiple-lane roadways, which are contiguous to full controlled roadways. Generally those roadways will have — at grade intersections, nonsignalized with an appreciable number of left turning and cross traffic movements. The Next () Miles Plaque (W7-3A) should be mounted below this sign.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	125C (5C)	75 (3)	424 (16.7)	134 (5.3)	547 (21.7)	10 (0.4)	20 (0.8)	B3-1200 (B3-48)
1500 x 1500 (60" x 60")	150C (6C)	115 (4.6)	508 (20)	160 (6.3)	654 (25.9)	15 (0.6)	20 (0.8)	B3-1500 (B3-60)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

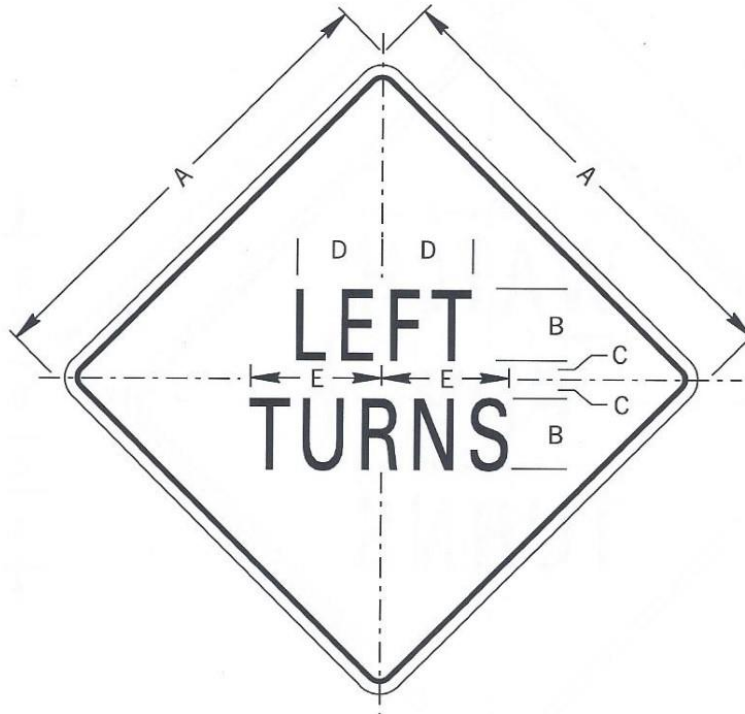
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-21-1

LEFT TURNS SIGN

The Left Turns Sign (W11-21-1) shall be authorized for use in advance of or within areas on limited or noncontrolled multiple-lane roadways, which are contiguous to full controlled roadways. Generally, these roadways will have at-grade intersections, nonsignalized with an appreciable number of left turning movements. The Next () Miles Plaque (W7-3A) should be mounted below the sign.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	50 (2)	187 (7.3)	266 (10.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	150D (6D)	65 (2.6)	224 (8.9)	319 (12.5)	15 (0.6)	25 (1)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

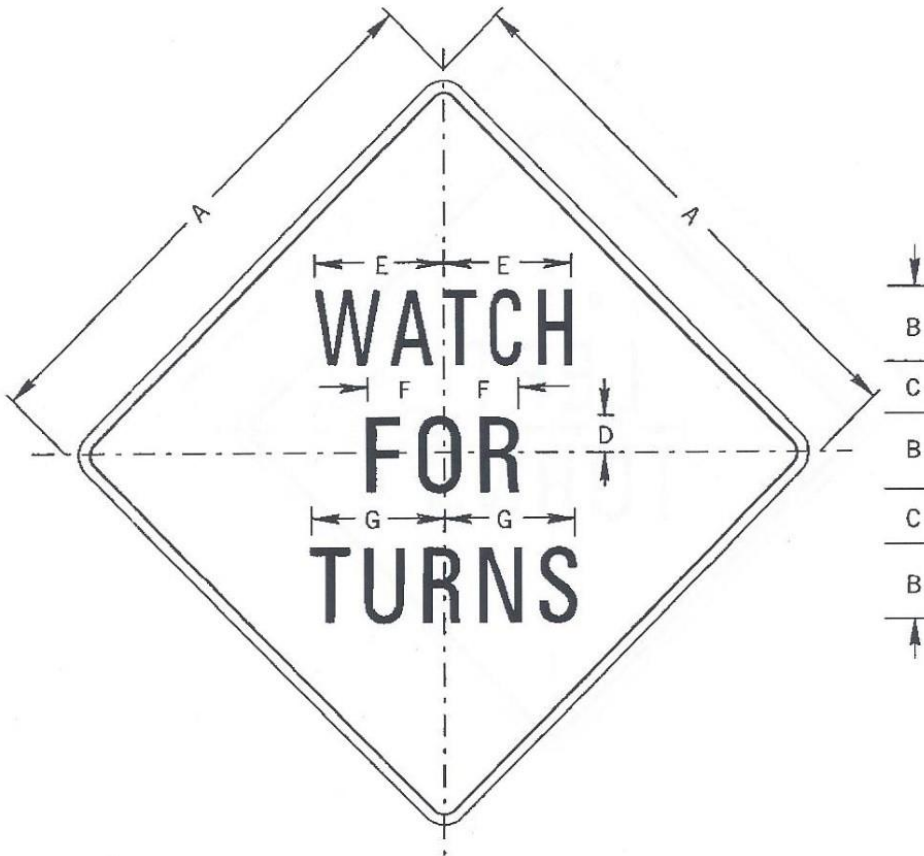
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-21-2

WATCH FOR TURNS SIGN

The Watch For Turns Sign (W11-21-2) may be used in advance of a location where geometric conditions are such that sight distance for opposing turning movements is restricted, and a protected turn phase has not been provided if the intersection is signalized.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	75 (3)	50 (2)	173 (6.8)	102 (4)	177 (7)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	125C (5C)	88 (3.5)	63 (2.5)	217 (8.6)	128 (5.1)	222 (8.7)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *James P. Penaglia* Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-22A

IMPAIRED CHILD SIGN

The Impaired Child Sign (W11-22A) may be used to warn drivers of the possible presence of a deaf or hearing impaired child or a vision impaired child in the vicinity of the roadway adjacent to the child's residence. The sign should normally be used only when the child is less than 16 years of age and the parents or legal guardians have requested the sign. The word VISION or other applicable words may be substituted for HEARING as applicable. The word PERSON may also be substituted for CHILD if special circumstances exist.

In urban districts, the W11-22A sign should be placed at the beginning of the applicable block or not more than 90 m (300') in advance of the child's residence. In rural districts, the W11-22A sign should be placed no more than 225 m (750') in advance of the child's residence.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100D (4D)	63 (2.5)	282 (11.1)	308 (12.1)	185 (7.3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	125D (5D)	63 (2.5)	352 (13.8)	384 (15.1)	230 (9.1)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

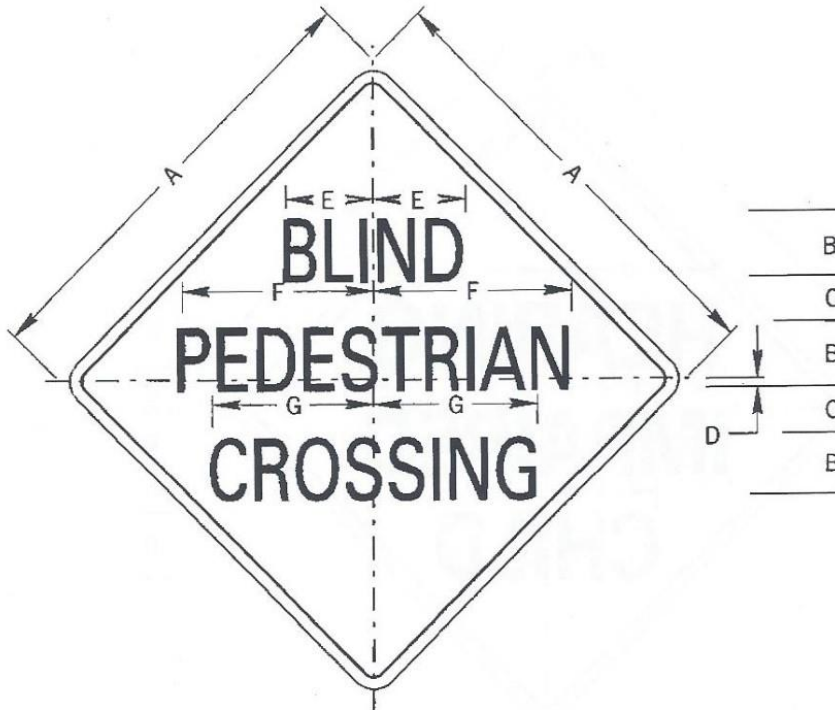
By : *John P. Penaglia* Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-25

BLIND PEDESTRIAN CROSSING SIGN

(a) Justification. The Blind Pedestrian Crossing Sign (W11-25) shall be authorized for use at locations where blind persons frequently cross or traverse the street.

(b) Placement. If used on an intersection approach on which an intersection sign is also used, the W11-25 sign should be installed to follow the intersection sign.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	63 (2.5)	10 (0.4)	157 (6.2)	337 (13.3)	269 (10.6)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	125C (5C)	65 (2.6)	10 (0.4)	196 (7.7)	423 (16.6)	338 (13.3)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

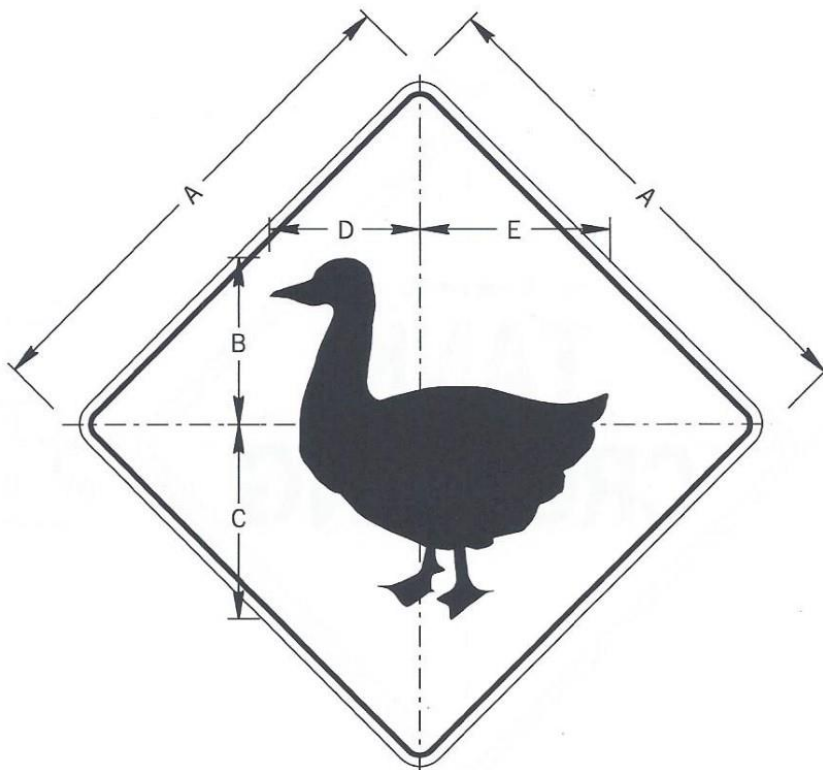
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: James P. Penaglia Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-26

DUCK CROSSING SIGN

The Duck Crossing Sign (W11-26) may be authorized to warn of locations where ducks or geese regularly cross the roadway. Its use should be kept to a minimum, indicating only those crossings which have poor sight distance.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	220 (8.8)	324 (12.9)	226 (9)	284 (11.4)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

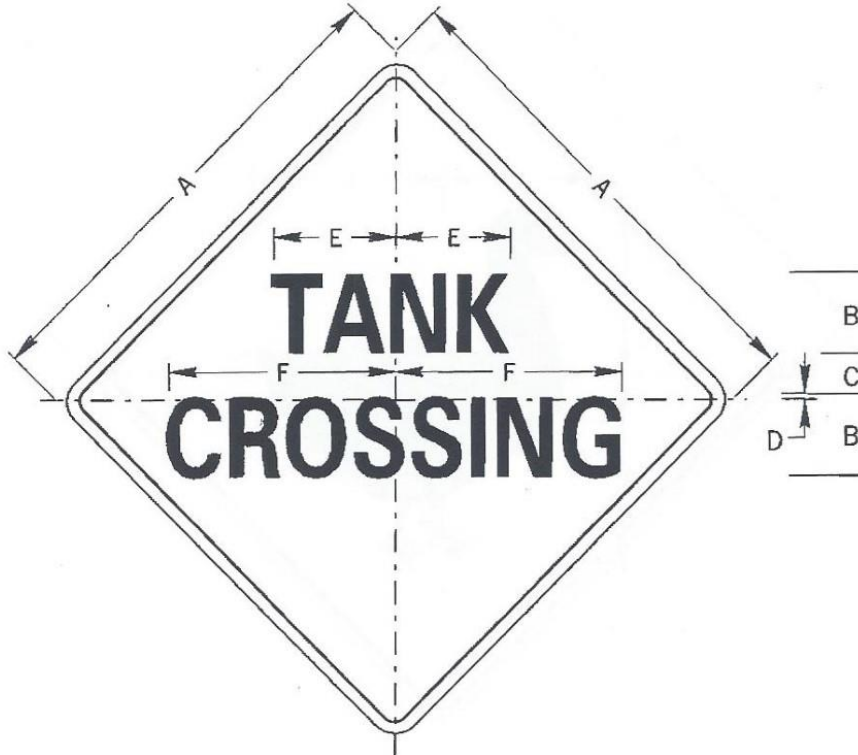
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-27

TANK CROSSING SIGN

The Tank Crossing Sign (W11-27) is authorized for use to warn of the unexpected hazard of military tanks crossing or using the roadway.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	63 (2.5)	10 (0.4)	168 (6.6)	338 (13.3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	150C (6C)	75 (3)	10 (0.4)	202 (8)	404 (15.9)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

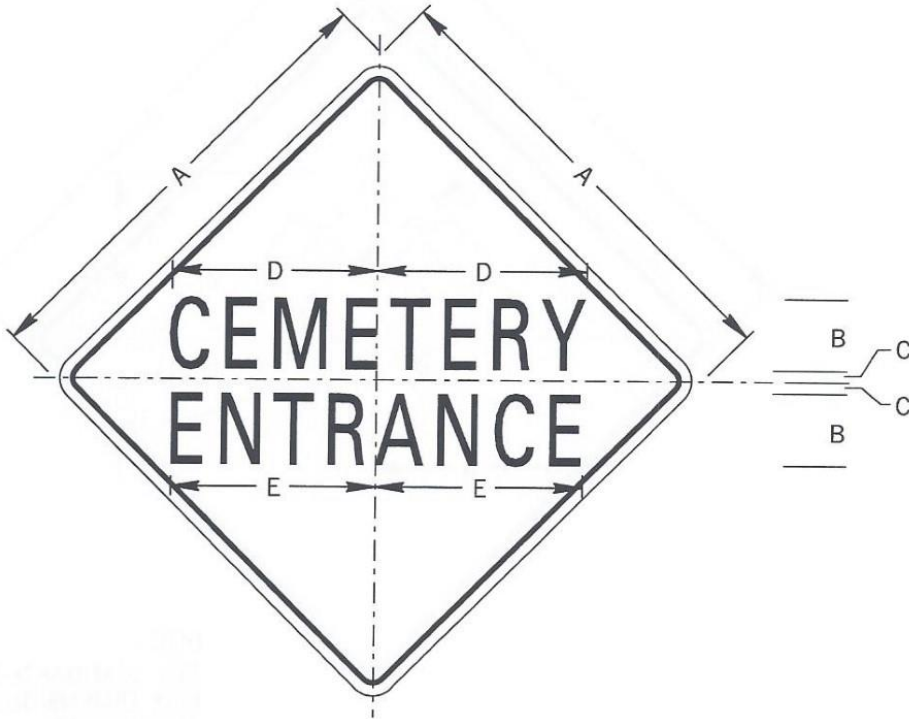
By: *James P. Tenaglia* Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W11-28

CEMETERY ENTRANCE SIGN

The Cemetery Entrance Sign (W11-28) shall be authorized for use to warn motorists of entrances to cemeteries which are located adjacent to the highway.

Its use shall be limited to locations where traffic conditions such as approach speeds, visibility and conflicts are such that special warning is desirable.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125B (5B)	20 (0.8)	278 (11)	281 (11.1)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

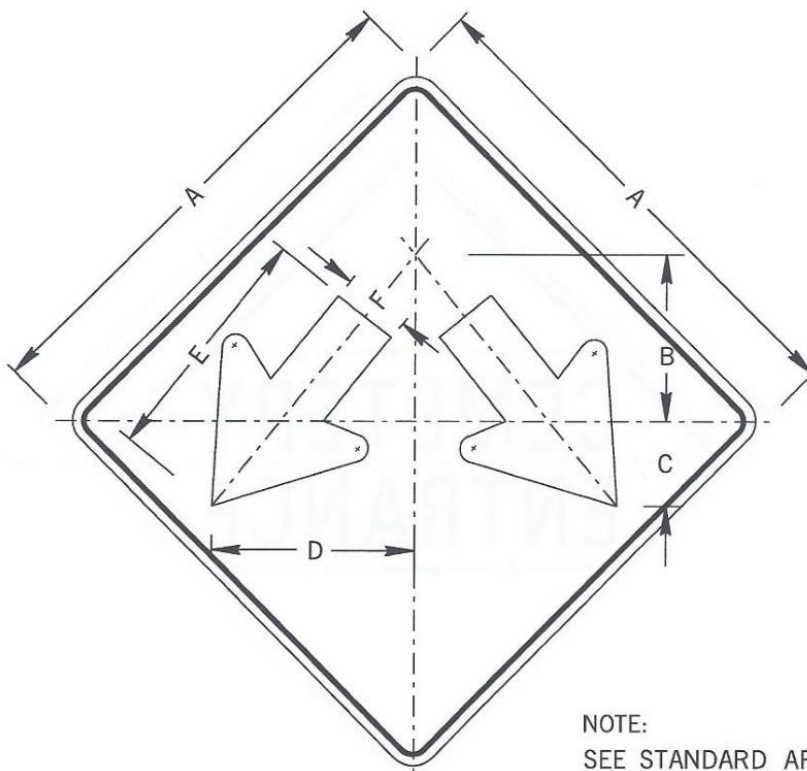
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W12-1

DOUBLE ARROW SIGN

The Double Arrow Sign (W12-1) may be used at loading and refuge islands, traffic islands, and other obstructions in the roadway, when traffic is permitted to pass on either side of the island or obstruction. It should normally be mounted at a height of 2.1 m (7') to the bottom of the sign in order that it will be visible over preceding vehicles.

If white striping is used on the obstruction, it should be discontinued in the vicinity of the sign to leave a minimum of 75 mm (3") around the outside of the sign.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.	
900 x 900 (36" x 36")	305 (12)	157 (6.1)	372 (14.6)	443 (17.5)	120 (4.8)	15 (0.6)	25 (1)	B3-900 (B3-36)	

COLOR:

ARROWS AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

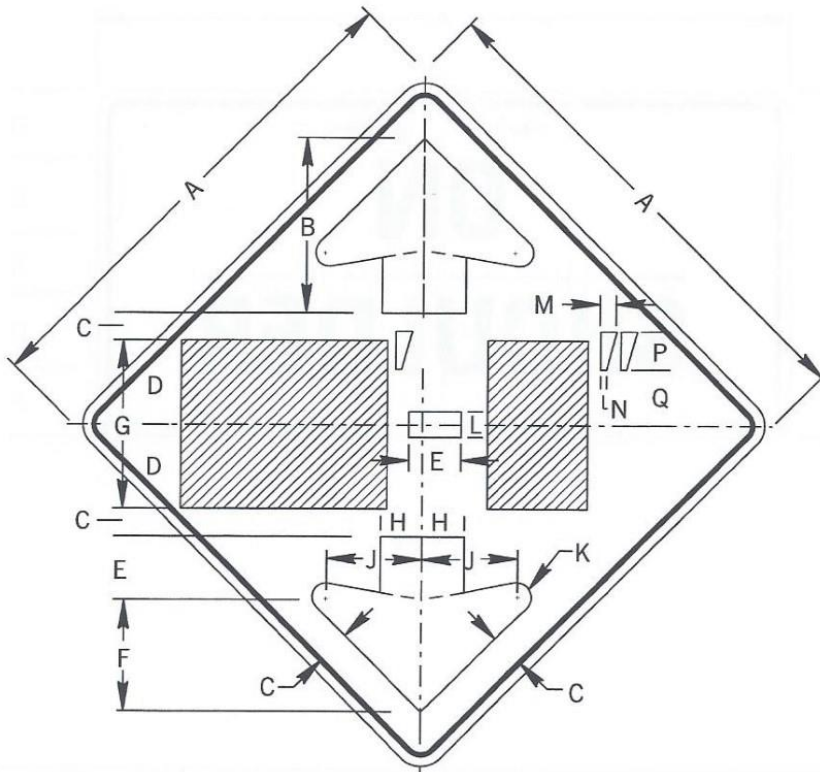
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W12-2

LOW CLEARANCE SIGN

(a) Justification. The Low Clearance Sign (W12-2) may be used in advance of bridges, underpasses, and other overhead structures where the vertical clearance is less than 14'-6" (4.42 m). The clearance shown on the sign should normally be to the nearest inch not exceeding 75 mm (3") less than the actual clearance to allow for frost action. Whenever possible, additional protection should be provided by using the W12-3 sign on the structure.

(b) Placement. The W12-2 sign should be placed in advance of the restriction in accordance with Publication 68 (relating to placement of warning signs). However, when this sign is not readily visible to traffic at the last intersection in advance of the restriction, an additional sign should be installed immediately after the intersection to allow drivers an opportunity to avoid the restriction. In these cases, the () Feet Plaque (W16-2) or the () Mile(s) Sign (W16-3A) may be placed below this sign.



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N
900 x 900 (36" x 36")	315 (12.6)	50 (2)	150 (6)	112 (4.5)	204 (8.2)	300* (12)*	75 (3)	169 (6.8)	25 (1)	47 (1.9)	30 (1.2)	12 (0.5)
1200 x 1200 (48" x 48")	420 (16.8)	66 (2.6)	200 (8)	147 (5.9)	271 (10.8)	400* (16)*	100 (4)	225 (9)	33 (1.3)	61 (2.4)	40 (1.6)	16 (0.6)

DIMENSIONS - mm (IN)					
SIGN SIZE A x A	P	Q	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	70 (2.8)	100 (4)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	90 (3.6)	138 (5.5)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

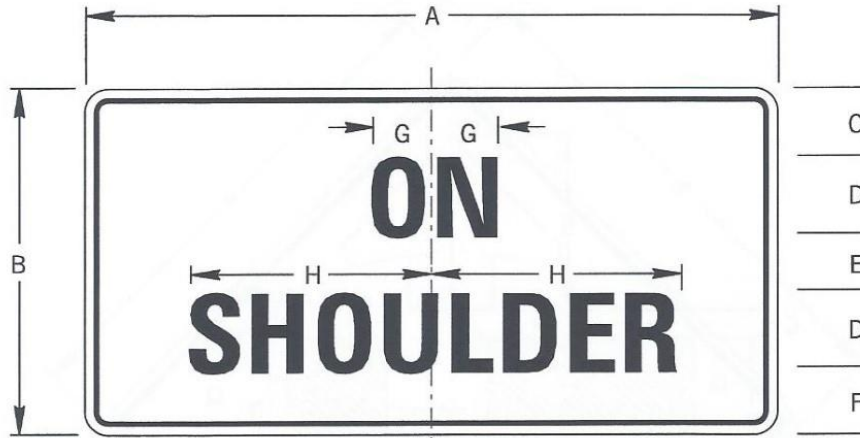
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W12-2-3

ON SHOULDER SIGN

The On Shoulder Sign (W12-2-3) may be used with the Low Clearance Sign (W12-2) to indicate that the vertical clearance is minimum over the shoulder.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 450 (36" x 18")	88 (3.5)	100D (4D)	75 (3)	87 (3.5)	82 (3.3)	347 (13.7)	10 (0.4)	15 (0.6)	B5-900450 (B5-3618)
1200 x 600 (48" x 24")	100 (4)	150D (6D)	100 (4)	100 (4)	123 (4.8)	520 (20.4)	15 (0.6)	20 (0.8)	B5-1200600 (B5-4824)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W12-2P

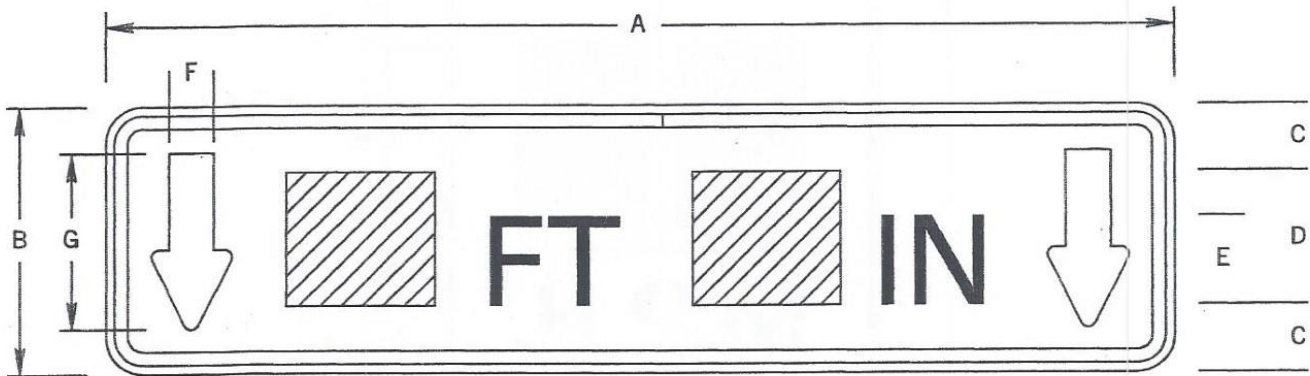
LOW CLEARANCE (OVERHEAD) SIGN

(a) Justification. The Low Clearance (Overhead) Sign (W12-2P) may be used on bridges, underpasses and other overhead structures where vertical clearance is less than 4.42 m (14'-6"). The clearance shown on the W12-2P sign should be the same as shown on the Low Clearance Sign (W12-2).

(b) Placement. When used, the W12-2P sign should be mounted overhead, generally directly above the roadway. In the case of an arch or other structure under which the clearance varies greatly, two or more signs should be used as necessary, to give information as to the clearance over the entire roadway.

At an arch, it is recommended that only the left down-arrow normally be used and that it be positioned directly above the right edge of the roadway and as low as possible without obstructing the arch. At multilane approaches, an additional sign may be similarly placed above the right edge of each additional travel lane.

At a one-lane arch, it is recommended that a W12-2P sign be erected on the left side of the roadway with only a right down-arrow and another W12-2p sign be erected on the right side of the roadway with only a left down-arrow. If it is not practical to install the signs at the edge of the roadway, the two signs may be positioned closer to the center of the arch.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 300 (48" x 12")	75 (3)	150 (6)	100E (4E)	50 (2)	200 (8)	10 (0.4)	15 (0.6)	B5-1200300 B5-4812
2400 x 600 (96" x 24")	150 (6)	300 (12)	200E (8E)	100 (4)	350 (14)	20 (0.8)	25 (1)	—

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 06-30-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

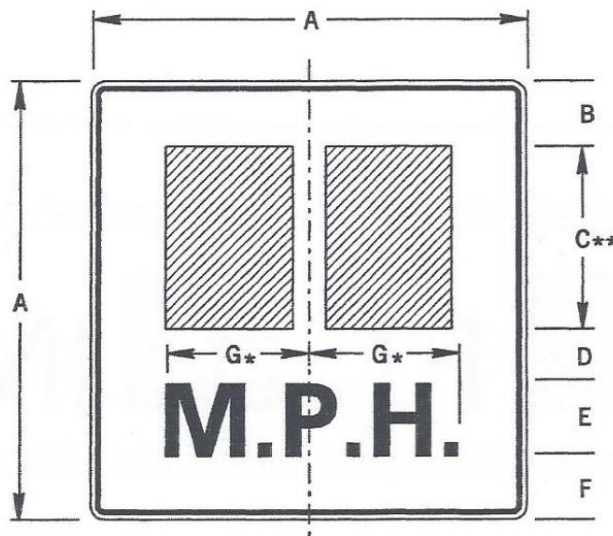
W13-1

ADVISORY SPEED PLAQUE

(a) Justification. The Advisory Speed Plaque (W13-1) shall be authorized for use in conjunction with any standard warning sign to indicate the maximum safe speed. It shall not be used in conjunction with any sign other than a warning sign, nor shall it be used alone. It shall be mounted below the warning sign.

The speed shown shall be a multiple of 5 MPH (10 km/h), to be determined by accepted traffic engineering procedures.

(b) Size. The 450 mm by 450 mm (18" x 18") size should be used with a warning sign of 750 mm by 750 mm (30" x 30"), the 600 mm by 600 mm (24" x 24") with 900 mm by 900 mm (36" x 36") sign, the 750 mm by 750 mm (30" x 30") size with 1200 mm by 1200 mm (48" x 48") signs.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	63 (2.5)	200E (8E)	50 (2)	75E (3E)	62 (2.5)	135 (5.3)	10 (0.4)	10 (0.4)	B3-450 (B3-18)
600 x 600 (24" x 24")	90 (3.6)	250E (10E)	70 (2.8)	100E (4E)	90 (3.6)	180 (7.1)	10 (0.4)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	105 (4.2)	300E (12E)	90 (3.6)	150E (6E)	105 (4.2)	269 (10.7)	15 (0.6)	20 (0.8)	B3-750 (B3-30)

* 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

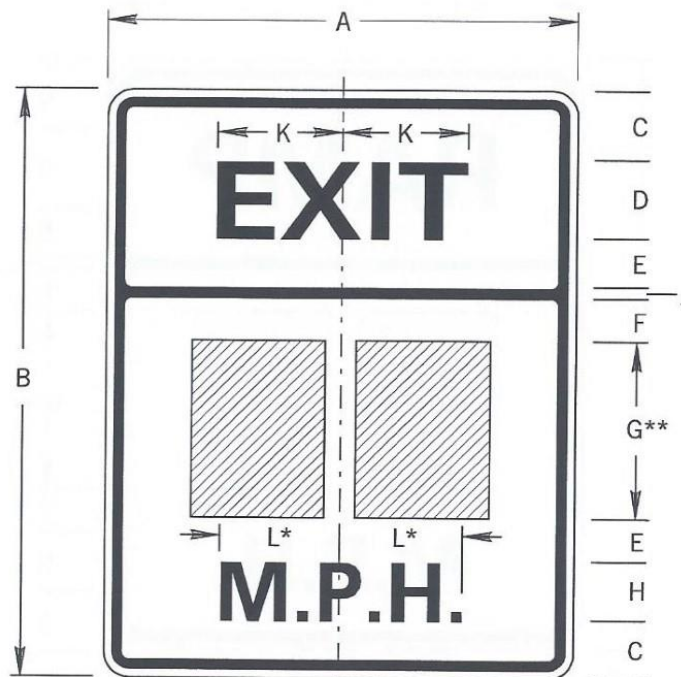
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.

(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 - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	175 (7)	200E (8E)	125 (5)	120 (4.8)	400E (16E)	150E (6E)	30 (1.2)	317 (12.5)	269 (10.7)	20 (0.8)	30 (1.2)	B5-15001200 (B5-6048)

* INCREASE SPACING 100%

** OPTICALLY SPACE NUMERALS ABOUT VERTICAL Q

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

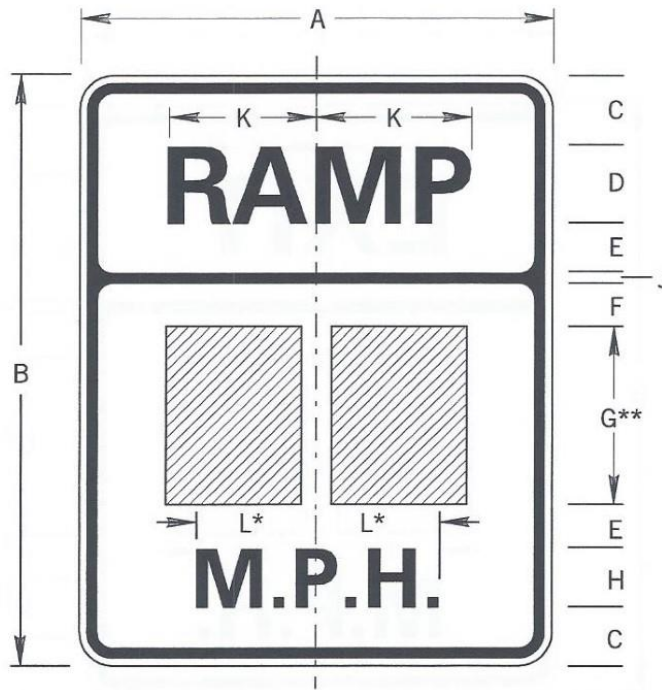
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W13-3

ADVISORY RAMP SPEED SIGN

(a) Justification. The Advisory Ramp Speed Sign (W13-3) shall be authorized for use where it is necessary to indicate a lower speed on a ramp connecting to an expressway.

(b) Placement. The W13-3 sign shall be placed on the right side of the ramp just in advance of the entrance point. If this location does not allow adequate viewing distance for any reasons, an additional sign may be placed on the left.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	175 (7)	200E (8E)	125 (5)	120 (4.8)	400E (16E)	150E (6E)	30 (1.2)	425 (16.8)	269 (10.7)	20 (0.8)	30 (1.2)	B5-15001200 (B5-6048)

* INCREASE SPACING 100%

** OPTICALLY SPACE NUMERALS ABOUT VERTICAL \mathcal{C}

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-2

NO OUTLET SIGN

The No Outlet Sign (W14-2) shall be authorized for use just beyond the last intersected street, facing traffic entering a street which has no connection with any other street beyond that point.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	150D (6D)	100 (4)	24 (1)	123 (4.8)	353 (14)	367 (14.5)	10 (0.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

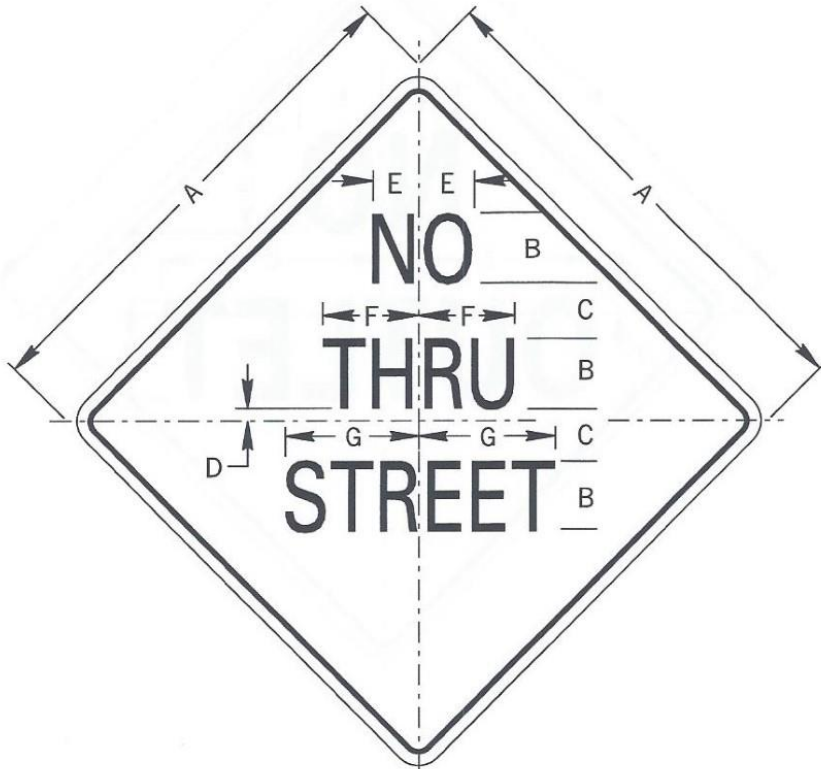
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-2-1

NO THRU STREET SIGN

(a) Justification. The No Thru Street Sign (W14-2-1) may be used to warn drivers that a street only provides access to the immediately adjacent area or subdivision and that the street cannot be used for through travel. The W14-2-1 sign should only be used where there is evidence that drivers attempt to use the street for travel beyond the immediately adjacent area or subdivision.

(b) Placement. When used, the W14-2-1 sign should be placed on the street providing access to the immediately adjacent area or subdivision only at the last intersecting through highway.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	100 (4)	25 (1)	85 (3.3)	174 (6.8)	249 (9.9)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

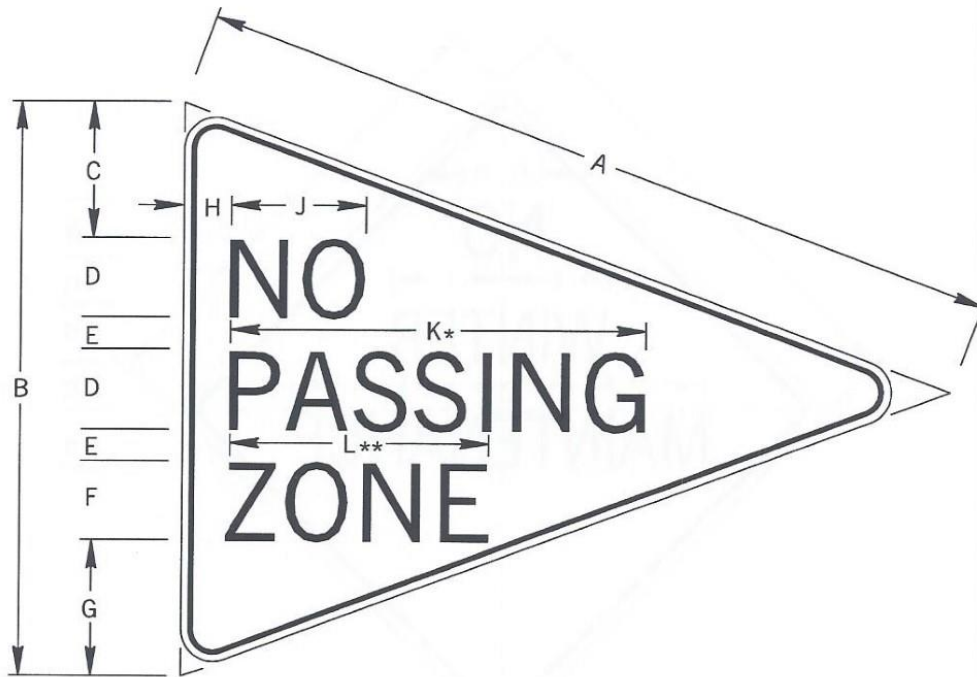
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-3

NO PASSING ZONE SIGN

The No Passing Zone Sign (W14-3) may be used to warn of the beginning of a no-passing zone identified by conventional pavement markings on two-lane roadways. When used, it shall be erected on the left side of the roadway at the beginning of the no-passing zone.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	212 (8.5)	125D (5D)	50 (2)	125C (5C)	213 (8.5)	75 (3)	204 (8)	680 (26.8)	325 (12.8)	15 (0.6)	20 (0.8)	B2-1200900 (B2-4836)

* REDUCE SPACING 20%
 ** REDUCE SPACING 35%

COLOR:

LEGEND AND BORDER:
 BLACK (NON-REFLECTORIZED)

BACKGROUND:
 YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

W14-5

NO WINTER MAINTENANCE SIGN

(a) Justification. The No Winter Maintenance Sign (W14-5) may be used on a roadway where winter snow plowing, salting or cindering activities are not performed. The W14-5 sign may be removed, covered, or folded during seasons when these activities would not normally be applicable.

(b) Placement. The W14-5 sign should be installed at the beginning of the roadway where applicable.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	75 (3)	68 (2.7)	197 (7.8)	337 (13.3)	10 (0.4)	15 (0.6)	B3-750 (B3-30)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

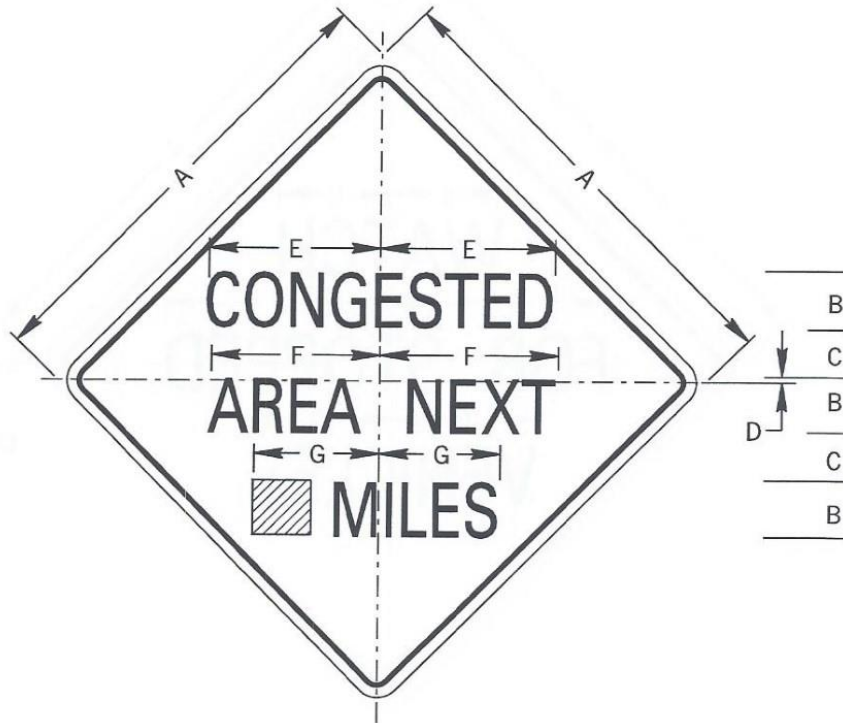
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-6

CONGESTED AREA NEXT () MILE(S) SIGN

(a) Justification. The Congested Area Next () Mile(s) Sign (W14-6) will be authorized for use on expressways and freeways to warn of unusually heavy traffic, particularly when interchanges are very closely spaced.

(b) Placement. The W14-6 sign may be placed in advance of and at intervals throughout the congested area.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	175C (7C)	115 (4.6)	10 (0.4)	559 (22)	569 (22.4)	VAR.	25 (1)	25 (1)	B3-1500 (B3-60)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

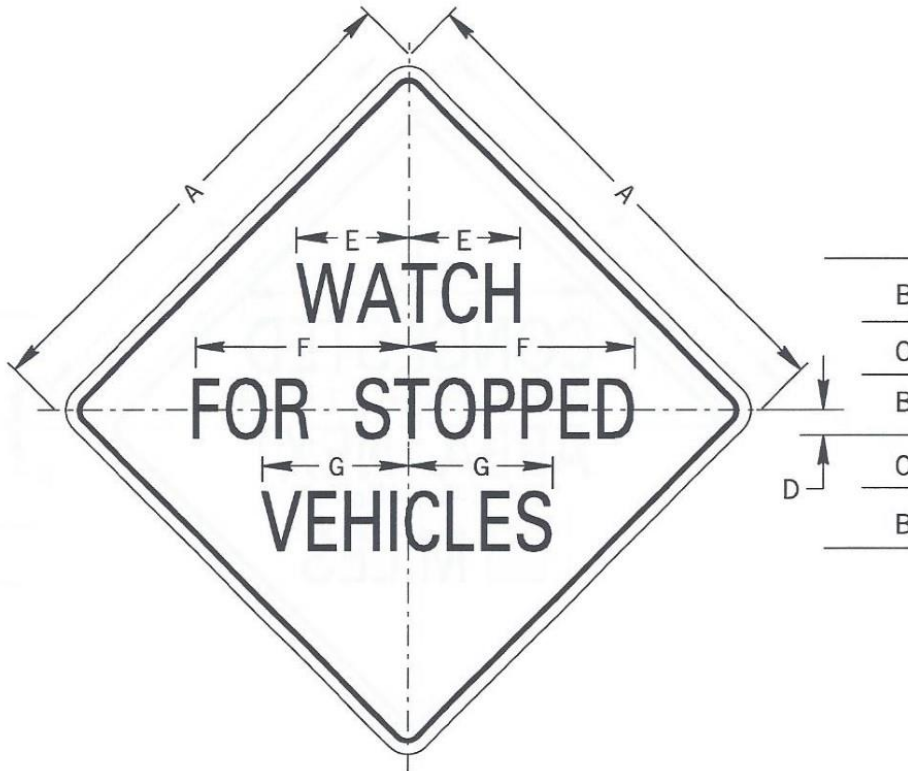
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-7

WATCH FOR STOPPED VEHICLES SIGN

The Watch For Stopped Vehicles Sign (W14-7) may be used in advance of locations where traffic queues frequently occur but are not anticipated by many drivers, especially unfamiliar drivers. The sign may also be used in conjunction with the Bridge Limited To One Truck Sign R12-1A in advance of bridges where safe stopping sight distance of a truck stopped at the bridge does not exist for drivers approaching the bridge. It may also be used at other locations where an engineering and traffic study indicates its need.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	75 (3)	50 (2)	218 (8.6)	486 (19.2)	328 (12.9)	10 (0.4)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175C (7C)	100 (4)	50 (2)	303 (11.9)	579* (22.9)*	402* (15.8)*	15 (0.6)	25 (1)	B3-1200 (B3-48)
1500 x 1500 (60" x 60")	200C (8C)	125 (5)	50 (2)	347 (13.6)	777 (30.6)	524 (20.6)	20 (0.8)	30 (1.2)	B3-1500 (B3-60)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

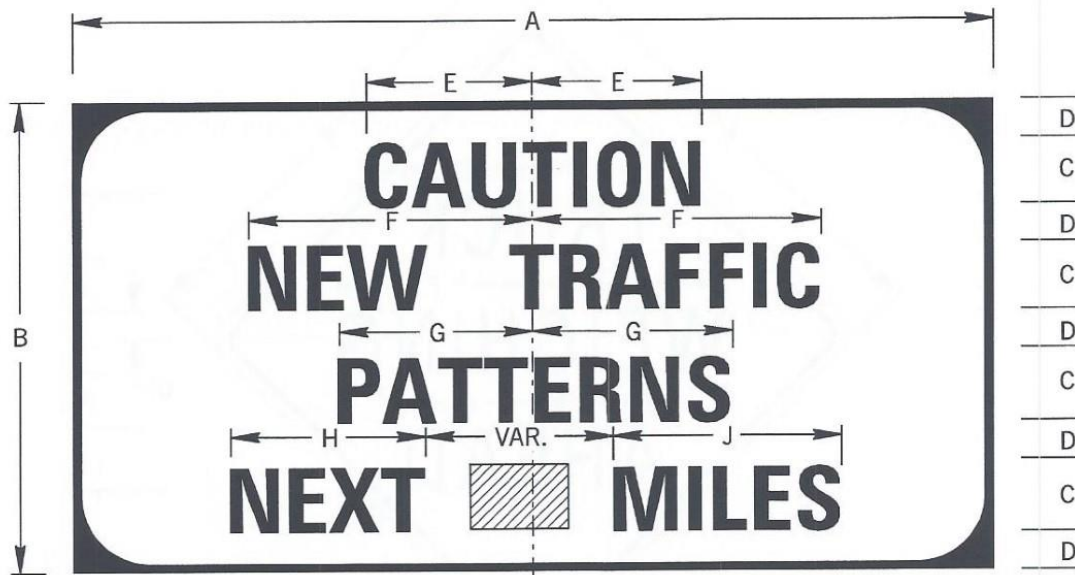
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-8

NEW TRAFFIC PATTERNS SIGN

(a) Justification. The New Traffic Patterns Sign (W14-8) will be authorized for use as a temporary sign on expressways and freeways to warn drivers that the travel lanes have been revised. When the revision covers only a short distance, the last line on the W14-8 sign may be revised to state "AHEAD".

(b) Placement. When used, the W14-8 sign should be placed a minimum of 235 m (775') in advance of the beginning of the section with revised travel lanes.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
2400 x 1200 (96" x 48")	175D (7D)	100 (4)	488 (19.2)	787 (31.1)	580 (22.9)	554 (21.9)	653 (25.7)	25 (1)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

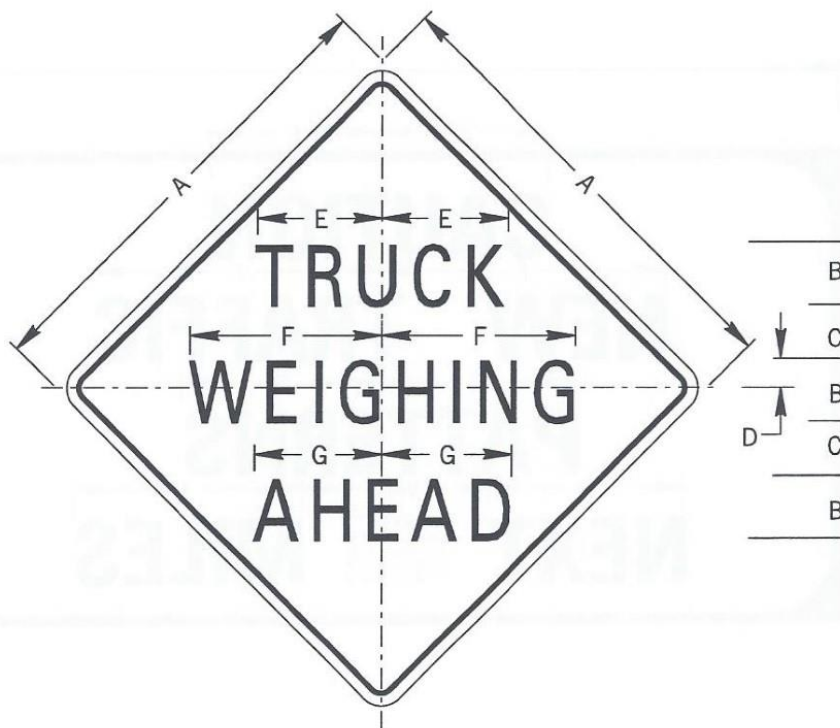
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-9

TRUCK WEIGHING AHEAD SIGN

(a) Justification. The Truck Weighing Ahead Sign (W14-9) will be authorized for use in advance of a mobile or semipermanent weighing operation. When used, the W14-9 sign shall be mounted at a minimum height of 0.3 m (1') above the road surface.

(b) Size. The standard size W14-9 sign shall be 900 mm by 900 mm (36" x 36") on two-lane, two-way roadways and 1200 mm by 1200 mm (48" x 48") on all other roadways.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125D (5D)	90 (3.6)	63 (2.5)	264 (10.4)	383 (15.1)	277 (10.9)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175D (7D)	100 (4)	88 (3.5)	371 (14.6)	538 (21.2)	388 (15.3)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-10

FOG AREA SIGN

The Fog Area Sign (W14-10) will be authorized to warn drivers of the area where small "pockets" of fog frequently present a hazard. It may also be used to warn of areas where smog, steam, or smoke frequently present a hazard.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	200E (8E)	125 (5)	10 (0.4)	282 (11.1)	420 (16.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

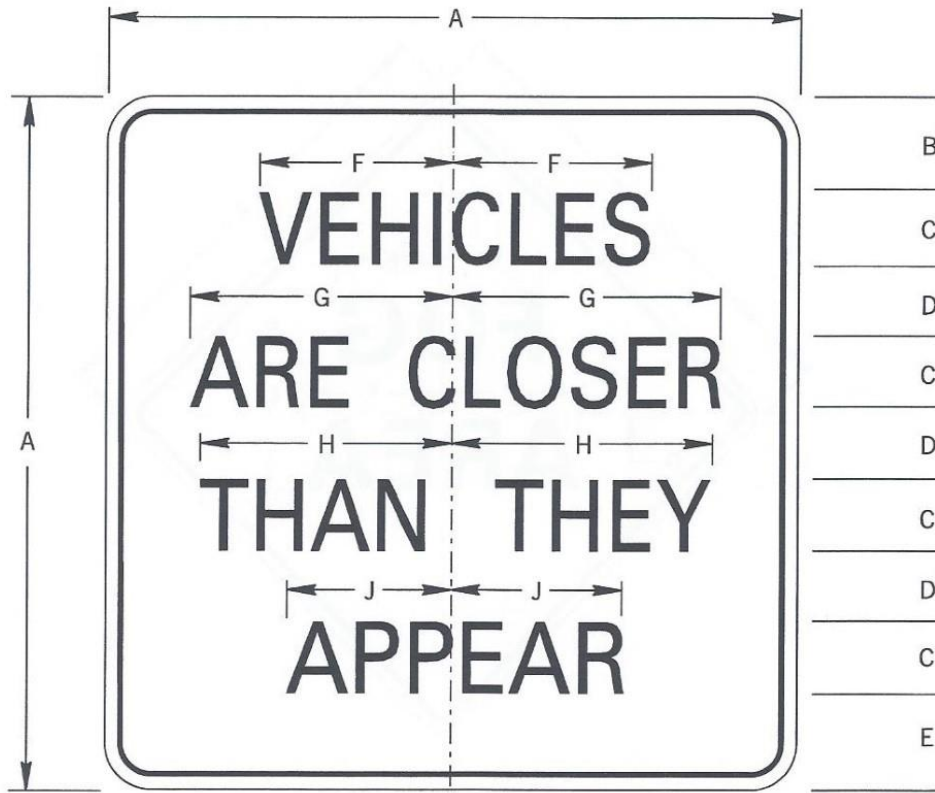
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	57 (2.3)	50C (2C)	45 (1.8)	58 (2.3)	131 (5.3)	182 (7.3)	162 (6.6)	109 (4.3)	10 (0.4)	10 (0.4)	B3-450 (B3-18)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

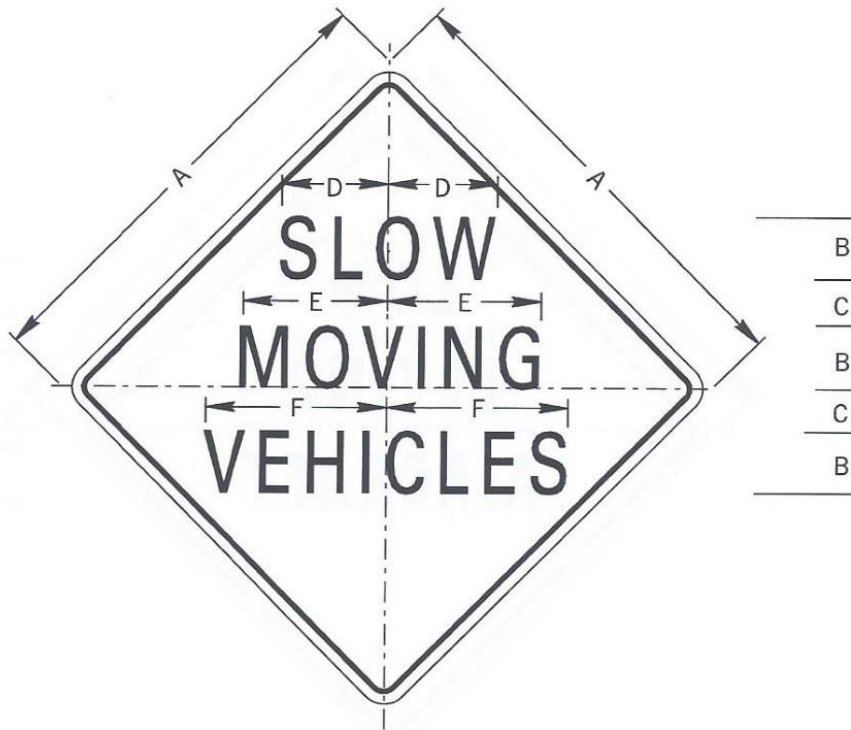
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-12

SLOW MOVING VEHICLES SIGN

(a) Justification. The Slow Moving Vehicles Sign (W14-12) may be used to warn drivers of the unexpected hazard of slow moving trucks on a hill or other problem locations. The W14-12 sign is especially applicable on limited access highways.

(b) Placement. When used, the W14-12 sign shall be installed at least 150 m (500') to 300 m (1000') in advance of the problem location.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150D (6D)	100 (4)	264 (10.4)	366 (14.4)	468 (18.5)	20 (0.8)	25 (1)	B3-1200 (B3-48)
1500 x 1500 (60" x 60")	200D (8D)	140 (5.6)	353 (13.9)	489 (19.3)	627 (24.7)	25 (1)	30 (1.2)	B3-1500 (B3-60)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

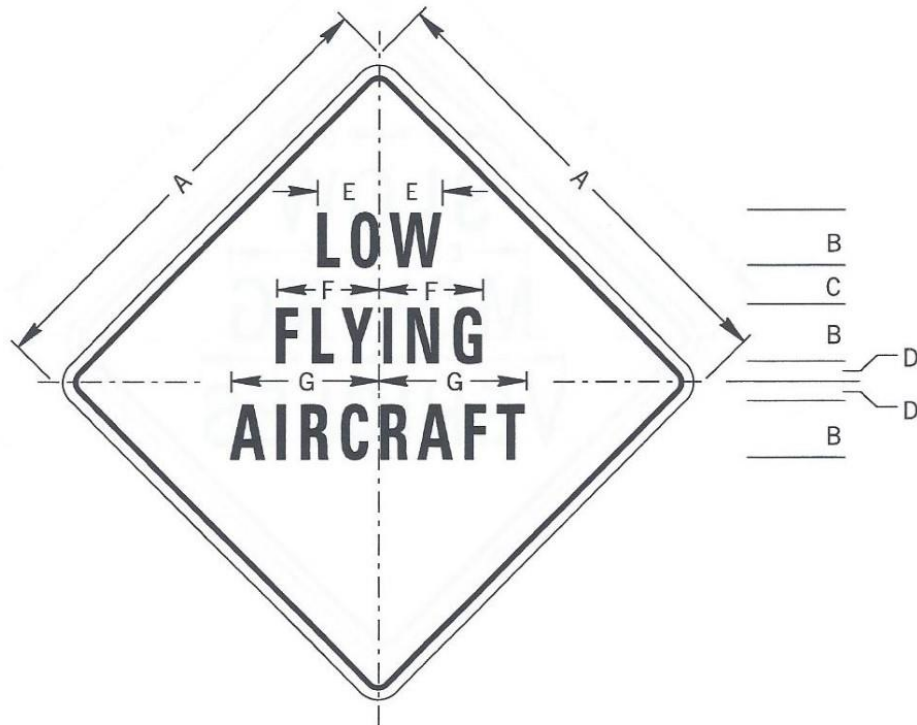
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-13

LOW FLYING AIRCRAFT SIGN

(a) Justification. The Low Flying Aircraft Sign (W14-13) may be used at locations where an airport is adjacent to a highway and low-flying aircraft may create a psychological hazard to motorists.

(b) Placement. When used, the W14-13 sign should be erected in advance of the limits of the area where aircraft cross the highway.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	175C (7C)	100 (4)	50 (2)	192 (7.6)	327 (12.8)	462 (18.1)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-14

HIGH CROSS WINDS SIGN

The High Cross Winds Sign (W14-14) may be used on roadways where cross winds frequently create steering problems for certain classes of vehicles.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125D (5D)	90 (3.6)	63 (2.5)	183 (7.2)	262 (10.3)	247 (9.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175D (7D)	125 (5)	88 (3.5)	257 (10.1)	369 (14.5)	347 (13.7)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-15

TRAFFIC SURVEY SIGN

The Traffic Survey Sign (W14-15) may be used in advance of a location where traffic is being diverted or stopped for a transportation-related survey.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125C (5C)	75 (3)	63 (2.5)	281 (11.1)	270 (10.6)	223 (8.8)	10 (0.4)	15 (0.6)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150C (6C)	90 (3.6)	75 (3)	336 (13.3)	323 (12.8)	267 (10.6)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

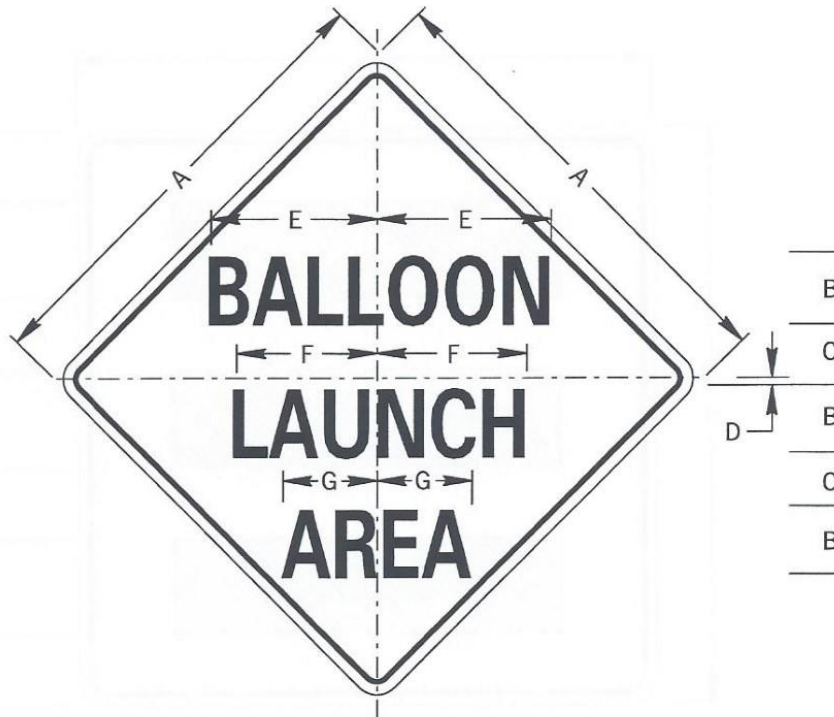
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-16

BALLOON LAUNCH AREA SIGN

(a) Justification. The Balloon Launch Area Sign (W14-16) may be used at locations where a balloon launch area is adjacent to a highway and balloons may cross the roadway low enough to distract motorists.

(b) Placement. When used, the W14-16 sign should be erected in advance of the limits of the area where balloons are launched adjacent to the highway.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	125D (5D)	70 (2.8)	10 (0.4)	379 (15)	319 (12.6)	223 (8.7)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	150D (6D)	85 (3.4)	12 (0.5)	454 (17.9)	384 (15.1)	267 (10.5)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

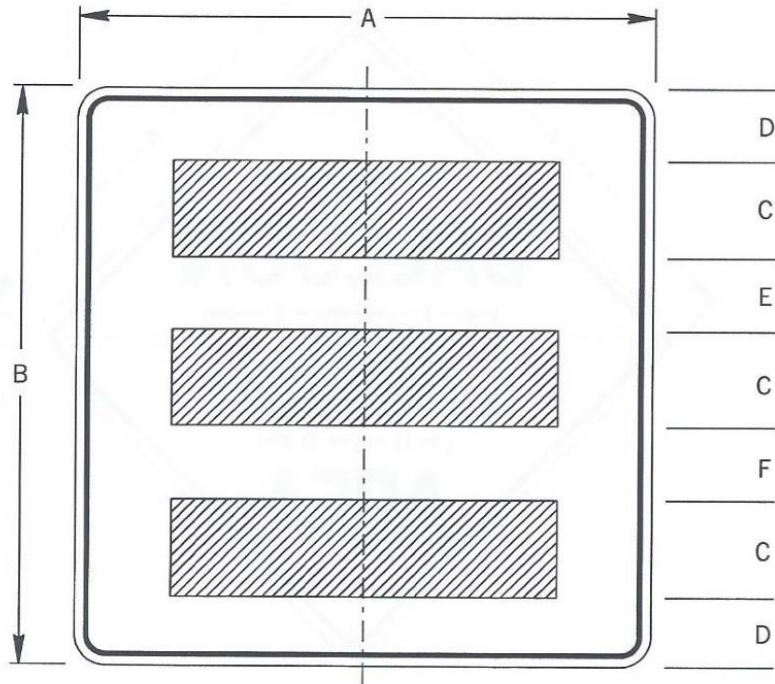
W14-20

EFFECTIVE HOURS PANEL

(a) Justification. The Effective Hours Panel (W14-20) may be used as a supplemental sign with any of the warning signs when the message applies only during certain hours on a regular basis. The message on the W14-20 panel may be one, two, or three lines; but a maximum of two lines may be used to indicate the hours of effectiveness. The last line may be used to designate effective days of the week if required.

(b) Placement. When used, the W14-20 panel shall be mounted below the primary sign.

(c) Size. Panels 600 mm (24") wide should be used with 900 mm by 900 mm (36" x 36") warning signs, whereas panels 750 mm (30") wide should be used with 1200 mm by 1200 mm (48" x 48") warning signs.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	100* (4)*	100 (4)	-	-	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
600 x 450 (24" x 18")	100* (4)*	90 (3.6)	70 (2.8)	-			B5-600450 (B5-2418)
600 x 600 (24" x 24")	100* (4)*	75 (3)	75 (3)	75 (3)			B3-600 (B3-24)
750 x 375 (30" x 15")	125* (5)*	125 (5)	-	-	15 (0.6)	20 (0.8)	B5-750375 (B5-3015)
750 x 600 (30" x 24")	125* (5)*	125 (5)	100 (4)	-			B5-750600 (B5-3024)
750 x 750 (30" x 30")	125* (5)*	95 (3.8)	92 (3.7)	93 (3.7)			B3-750 (B3-30)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

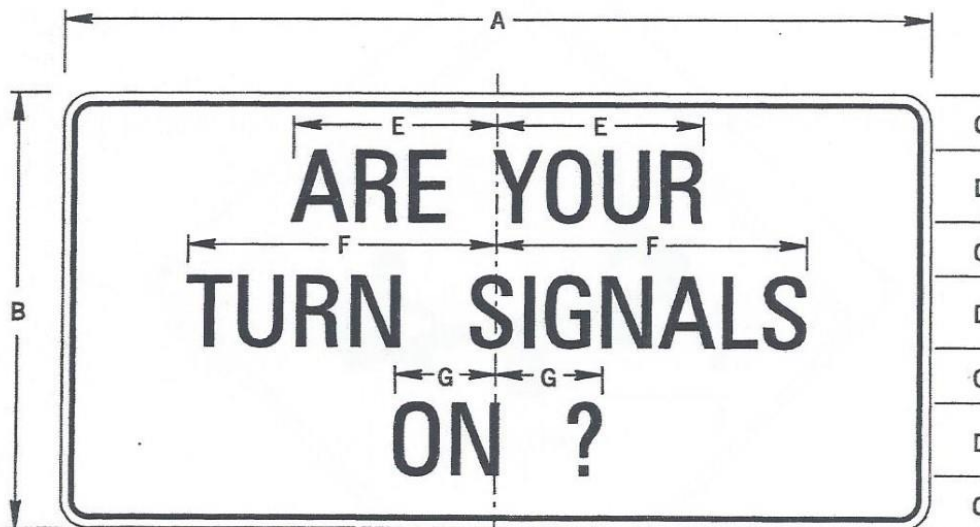
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W14-22

ARE YOUR TURN SIGNALS ON? SIGN

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 - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	75 (3)	100D (4D)	359 (14.2)	499 (19.7)	166 (6.6)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

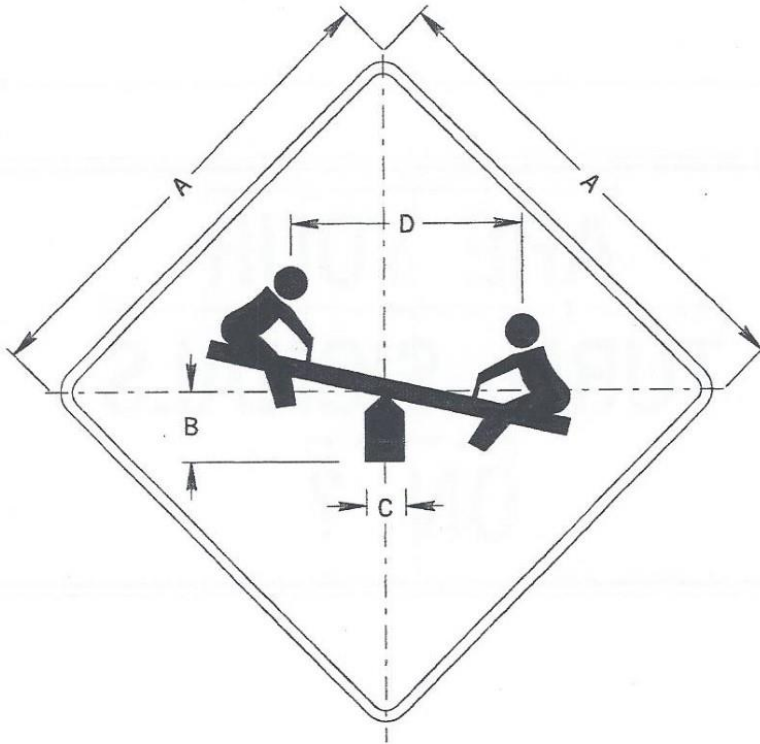
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W15-1

PLAYGROUND SIGN

The Playground Sign (W15-1) will be authorized for use to mark playgrounds which are located adjacent to highways.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	145 (5.8)	64 (2.6)	390 (15.6)	15 (0.6)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

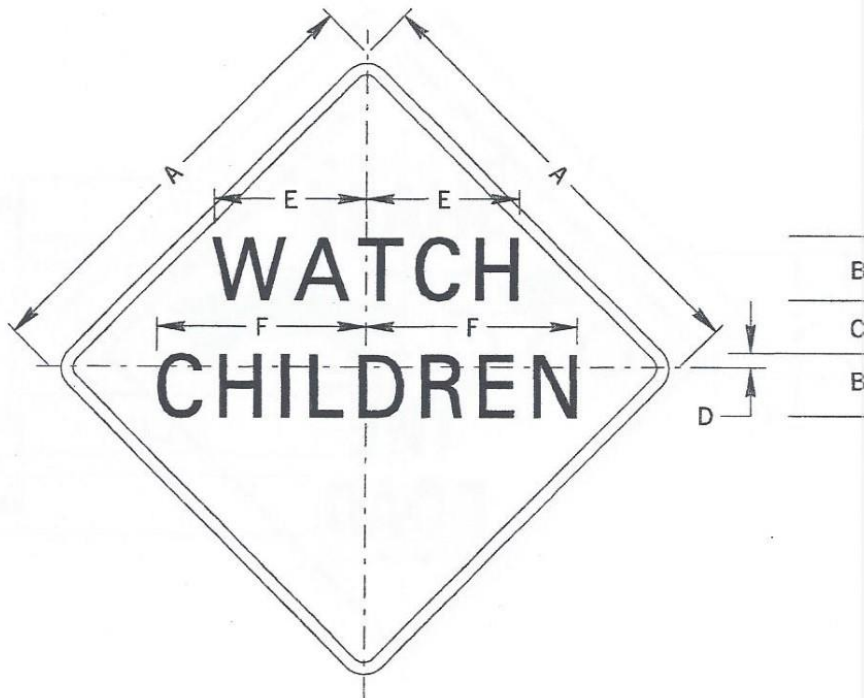
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W15-2

WATCH CHILDREN SIGN

The Watch Children Sign (W15-2) shall be authorized for use along roads where there are no sidewalks and where a number of children normally play or walk beside the highway.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5C)	75 (3)	15 (0.6)	218 (8.6)	332 (13.1)	15 (0.6)	15 (0.6)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

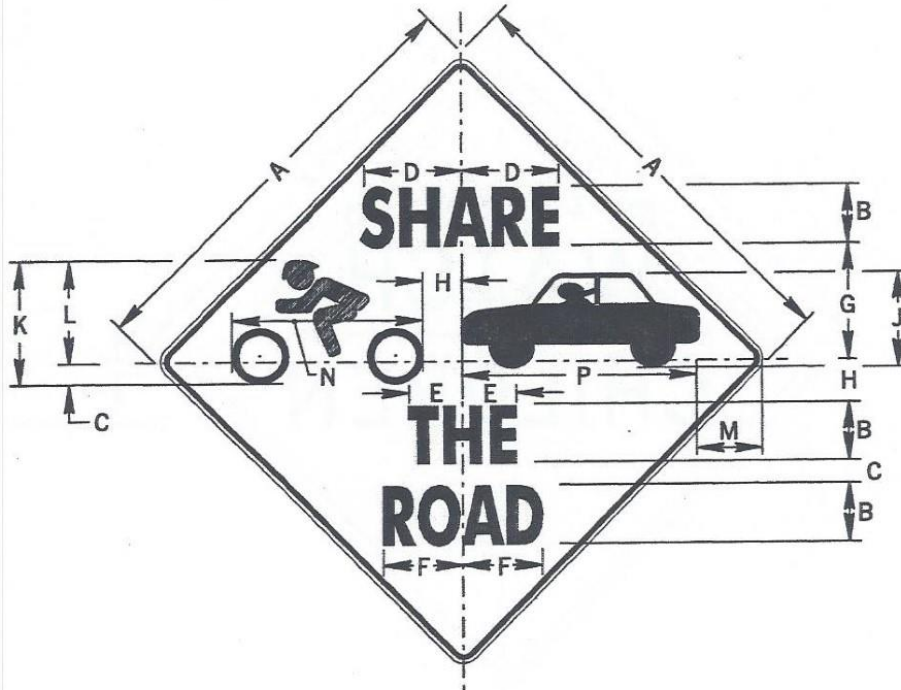
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-1

SHARE THE ROAD SIGN

The Share the Road Sign (W16-1) 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 - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K
750 x 750 (30" x 30")	100C (4C)	35 (1.4)	180 (7.1)	98 (3.9)	143 (5.7)	200 (8)	75 (3)	162 (6.5)	212 (8.5)

DIMENSIONS - mm (IN)							
SIGN SIZE A x A	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	175 (7.1)	112 (4.5)	325 (13)	400 (16)	15 (0.6)	20 (0.8)	B3-750 (B3-30)

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

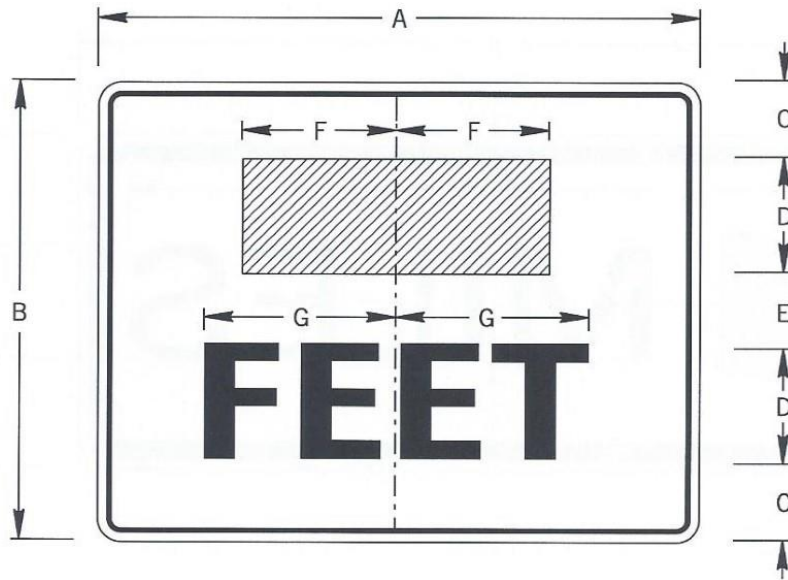
By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-2

() FEET PLAQUE

(a) Justification. The () Feet Plaque (W16-2) may be used below a standard warning sign to indicate the distance to the condition cited by the warning sign. Normally distances used should be in an increment of 150 m (500'). This plaque shall only be fluorescent yellow-green, when used beneath another fluorescent yellow-green sign.

(b) Size. The 750 mm by 600 mm (30" x 24") size should be used with 1200 mm by 1200 mm (48" x 48") and larger warning signs.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	75 (3)	125D (5D)	50 (2)	VAR.	186 (7.4)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
750 x 600 (30" x 24")	110 (4.4)	150D (6D)	80 (3.2)	VAR.	224 (8.9)	15 (0.6)	20 (0.8)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW-GREEN (REFLECTORIZED)

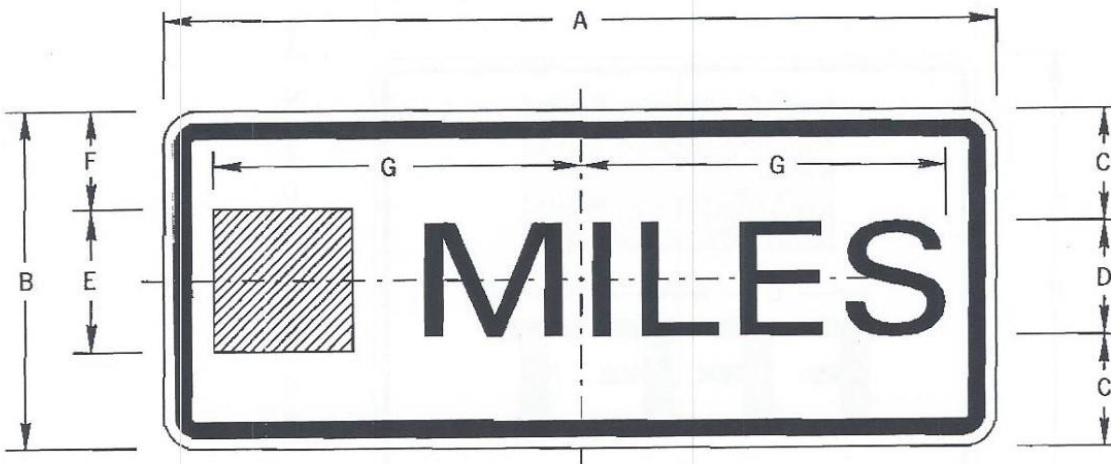
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-3A

() MILE(S) SIGN

The () Mile(s) Sign (W16-3A) shall be authorized for use in conjunction with any standard warning sign to indicate the distance to the condition being warned of.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 300 (30" x 12")	100 (4)	100D (4D)	125D (5D)	88 (3.5)	330 (13)	10 (0.4)	15 (0.6)	B5-750300 (B5-3012)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

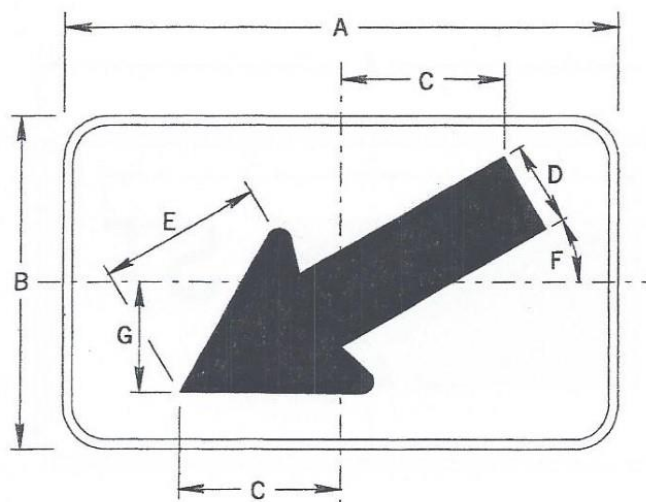
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : James P. Neegles Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-7P

DIAGONAL DOWNWARD POINTING ARROW

The Diagonal Downward Pointing Arrow Plaque (W16-7P) 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.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.	
600 x 300 (24" x 12")	146 (5.8)	75 (3)	147 (5.9)	30°	99 (3.9)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)	
750 x 450 (30" x 18")	219 (8.7)	113 (4.5)	221 (8.8)	30°	149 (5.9)	15 (0.6)	20 (0.8)	B5-750450 (B5-3018)	

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

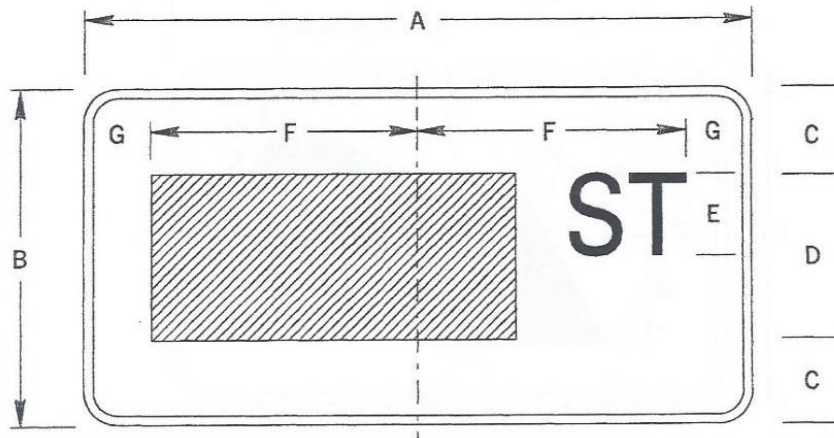
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-8

SINGLE-LINE ADVANCE STREET NAME SIGN

The Single-Line Advance Street Sign (W16-8) 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 Sign (W16-8A) should be used. The abbreviation "ST" may be changed to "RD", "LN", "CT", etc. as applicable.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D*	E	F	G**	MAR- GIN	BOR- DER	BLANK STD.
VAR x 200 (VAR x 8")	50 (2)	100 (4)	50B (2B)	VAR.	50 (2)	10 (0.4)	10 (0.4)	—
VAR x 300 (VAR x 12")	75 (3)	150 (6)	100B (4B)	VAR.	75 (3)	10 (0.4)	15 (0.6)	—

** CHOOSE UPPER/LOWER CASE ClearviewHwy FONT FOR BEST FIT
* MINIMUM SPACE

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

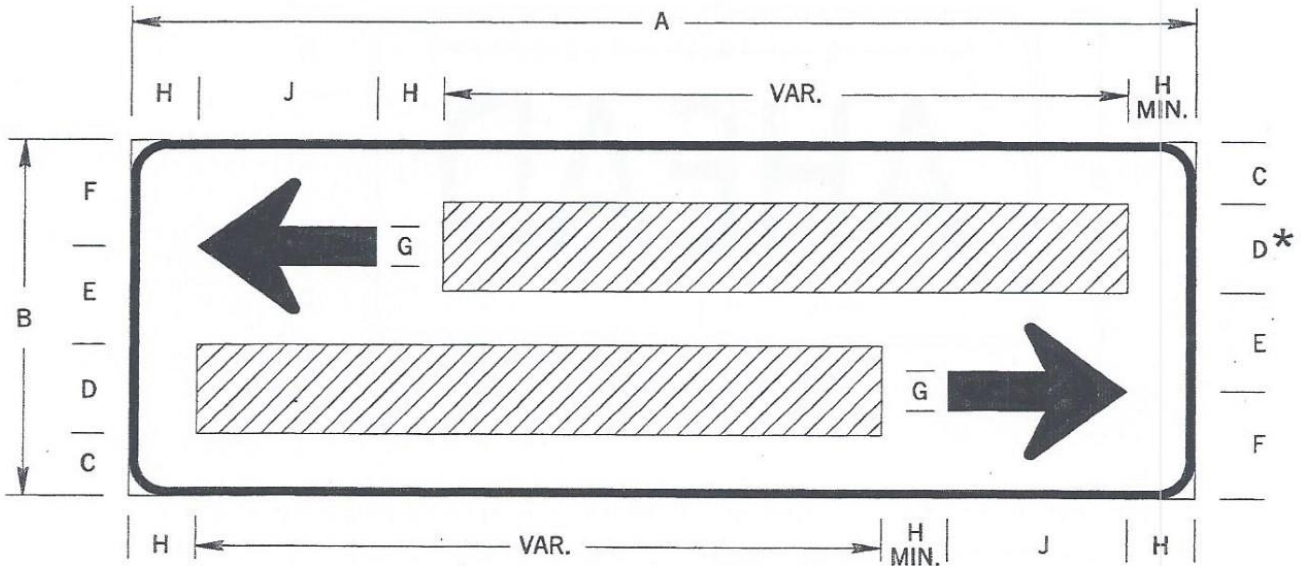
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-8A

DOUBLE-LINE ADVANCE STREET NAME SIGN

The Double-Line Advance Street Name Sign (W16-8A) 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 name of the road to the left should be above the street name of the road to the right.



NOTE:
SEE STANDARD ARROW FOR
DIMENSIONS OF ARROWHEAD.

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D*	E	F	G	H	J	K	BOR- DER	BLANK STD.
1200 x 400 (48" x 16")	70 (2.8)	100 (4)	110 (4.4)	120 (4.8)	45 (1.8)	75 (3)	135 (5.4)	10 (0.4)	10 (0.4)	—
1800 x 600 (72" x 24")	110 (4.4)	150 (6)	155 (6.2)	185 (7.4)	70 (2.8)	100 (4)	205 (8.2)	20 (0.8)	15 (0.6)	—

* CHOOSE UPPER/LOWER CASE ClearviewHwy FONT FOR BEST FIT

COLOR:

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

BACKGROUND:
YELLOW (REFLECTORIZED)

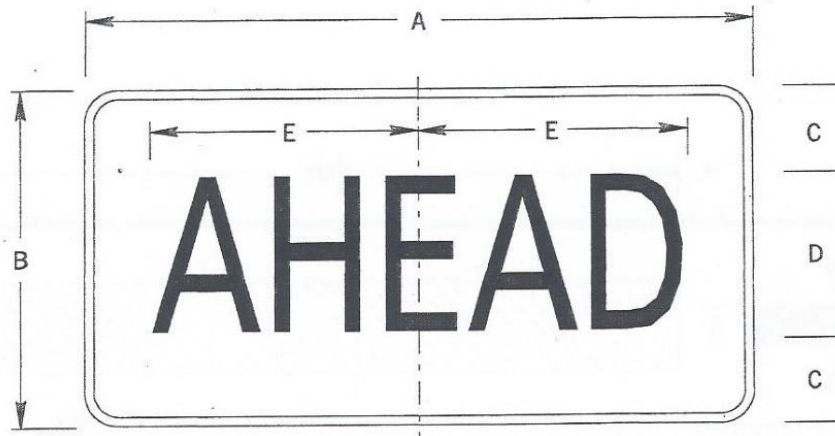
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-9P

AHEAD PLAQUE

The Ahead Plaque (W16-9P) may be used to supplement a variety of warning signs such as Two-Way Traffic Sign (W6-3), School Advance Warning Sign (S1-1), and variety of crossings signs.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	100 (4)	100D (4D)	222 (8.7)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
900 x 600 (36" x 24")	212.5 (8.5)	175D (7D)	388 (15.3)	15 (0.6)	25 (1)	B5-900600 (B5-3624)
1200 x 750 (48" x 30")	262.5 (10.5)	225D (9D)	499 (19.7)	20 (0.8)	30 (1.2)	B5-1200750 (B5-4830)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

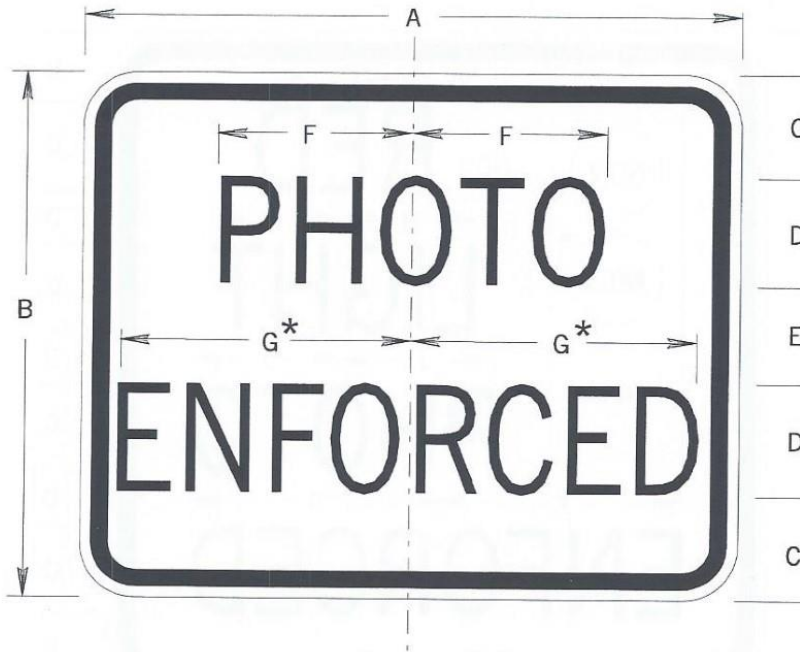
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-10

PHOTO ENFORCED PLAQUE

A Photo Enforced Plaque (W16-10) 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 W16-10 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 (W16-10A) may be used as an alternate.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	119 (4.7)	125C (5C)	112 (4.6)	223 (8.8)	335 (13.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3029)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

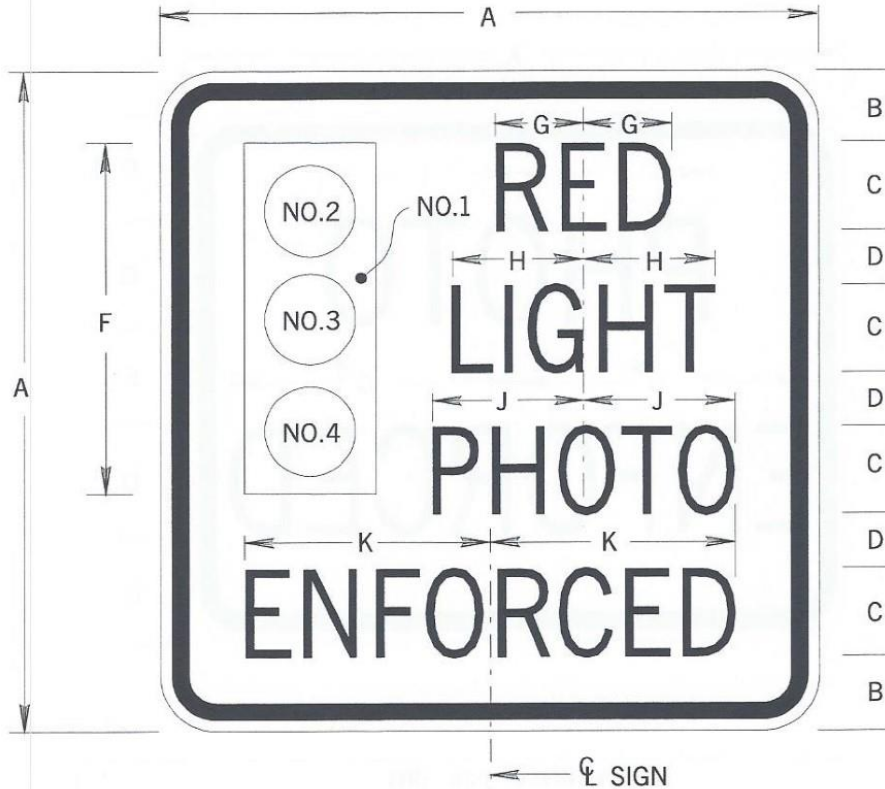
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W16-10A

RED LIGHT PHOTO ENFORCED SIGN

(a) Justification. The Red Light Photo Enforced Sign (W16-10A) 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 (W16-10) shall be used.

(b) Size. When used on an expressway, the standard size of the W16-10A sign shall be 1200 mm by 1200 mm (48" x 48").



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	82 (3.2)	100C (4C)	62 (2.5)	150 (6)	400 (16)	100 (4)	150 (6)	173 (6.9)	280 (11.2)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
1200 x 1200 (48" x 48")	100 (4)	175C (7C)	100 (4)	175 (7)	725 (29)	248 (9.9)	260 (10.4)	303 (12.1)	490 (19.6)	15 (0.6)	20 (0.8)	B3-1200 (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)

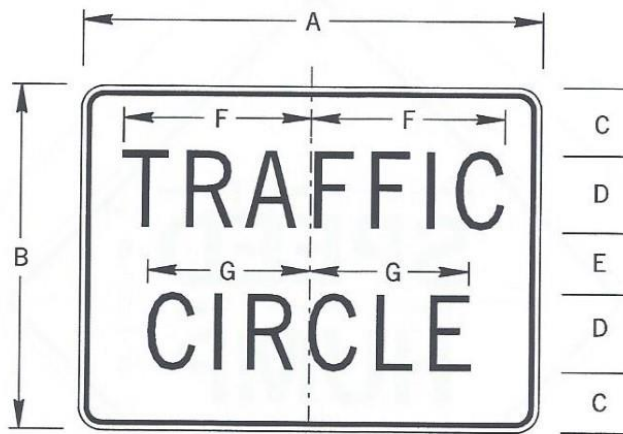
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	95 (3.8)	90D (3.6D)	80 (3.2)	244 (9.6)	200 (7.8)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W17-1

SPEED HUMP SIGN

The Speed Hump Sign (W17-1) may be installed in advance of areas where local authorities have satisfied warrants and installed speed humps as provided in PENNDOT's Traffic Calming Handbook.

When used, the W17-1 sign should be placed approximately 30 m (100') in advance of the speed hump. When used, the sign should generally be supplemented with an Advisory speed Plaque (W13-1).



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125D (5D)	15 (0.6)	65 (2.6)	259 (10.2)	221 (8.7)	15 (0.6)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-1

ROAD WORK SIGN

The Road Work Sign (W20-1) shall be authorized for use in advance of road construction or maintenance projects.

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



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	65 (2.6)	75 (3)	207 (8.2)	228 (9.1)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175D (7D)	90 (3.6)	100 (4)	292 (11.5)	320 (12.6)	20 (0.8)	25 (1)
1500 x 1500 (60" x 60")	225D (9D)	100 (4)	125 (5)	375 (14.7)	411 (16.2)	25 (1)	30 (1.2)

* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-1S

RECTANGULAR ROAD WORK SIGN

The Rectangular Road Work Sign (W20-1S) may be used in median areas where the diamond-shaped Road Work Sign (W20-1) cannot be used due to limited lateral space. Overlay panels may be used to indicate the distance or the legend "AHEAD".



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	65 (2.6)	200D (8D)	85 (3.4)	351 (13.8)	366 (14.4)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

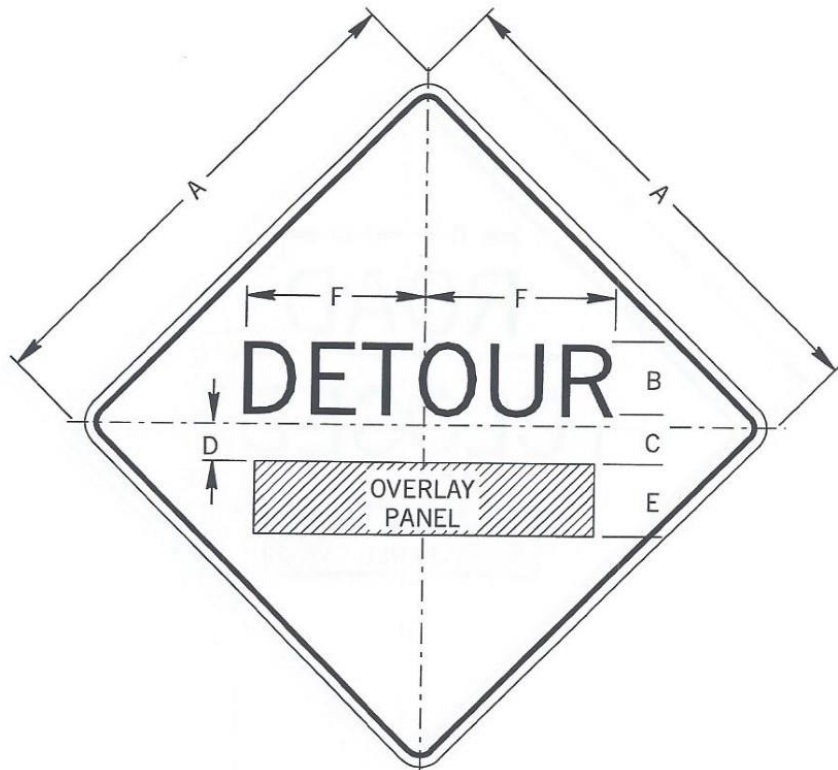
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-2

ADVANCE DETOUR SIGN

The Advance Detour Sign (W20-2) shall be authorized for use in advance of a point at which traffic is diverted over a temporary roadway or route.

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 - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	90 (3.6)	65 (2.6)	125C (5C)	315 (12.4)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175D (7D)	120 (4.8)	90 (3.6)	175C (7C)	442 (17.4)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-3

ROAD CLOSED SIGN

The Road Closed Sign (W20-3) shall be authorized for use in advance of a point at which a roadway is closed to all traffic, or to all but local traffic. The word "RAMP" may be substituted for the word "ROAD" when a ramp has been closed in accordance with the provisions above.

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 - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	90 (3.6)	95 (3.8)	125C (5C)	80 (3.2)	218 (8.6)	312 (12.3)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175D (7D)	120 (4.8)	130 (5.2)	175C (7C)	115 (4.6)	307 (12.1)	439 (17.3)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

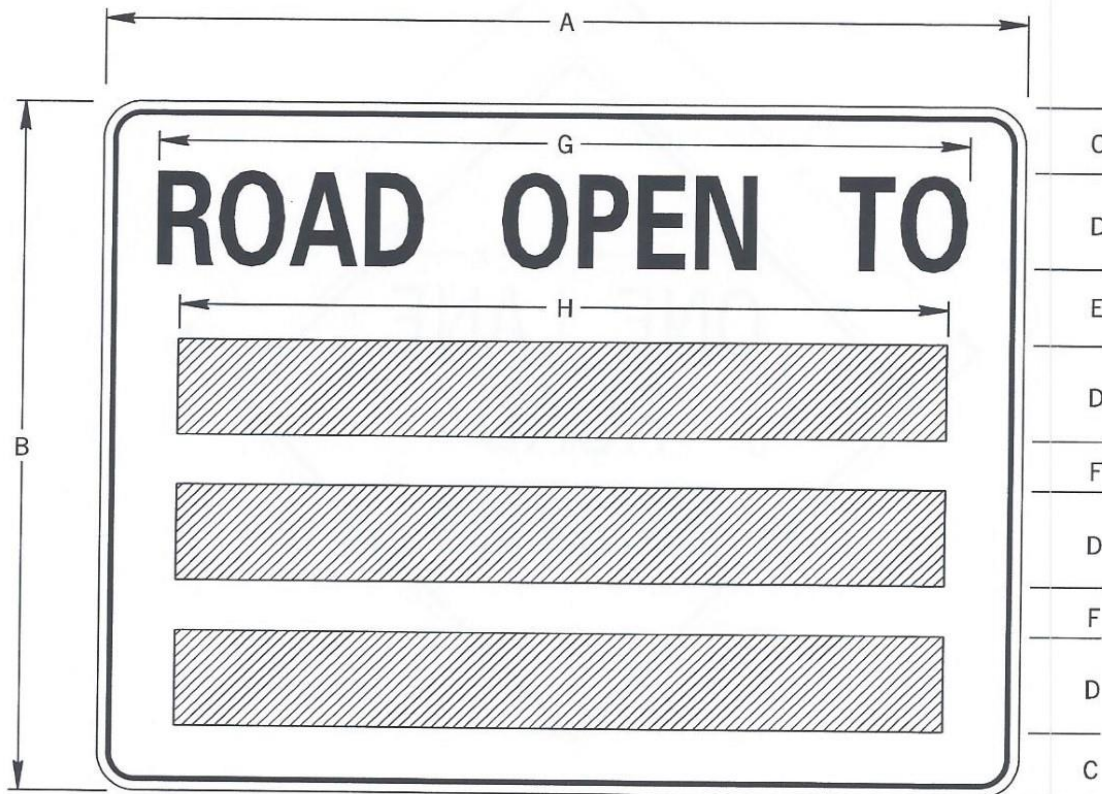
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-3A

ROAD OPEN SIGN

The Road Open Sign (W20-3A) 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 W20-3A sign should be located approaching the point of detour.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
1200 x 900 (48" x 36")	75 (3)	125C (5C)	90 (3.6)	80 (3.2)	1110 (43.7)	VAR.	10 (0.4)	10 (0.4)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-4

ONE LANE ROAD SIGN

The One Lane Road Sign (W20-4) shall be authorized for use only in advance of a point where traffic in both directions must use a single lane.

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 - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	55 (2.2)	30 (1.2)	334 (13.1)	179 (7.1)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175C (7C)	80 (3.2)	45 (1.8)	467 (18.4)	249 (9.8)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

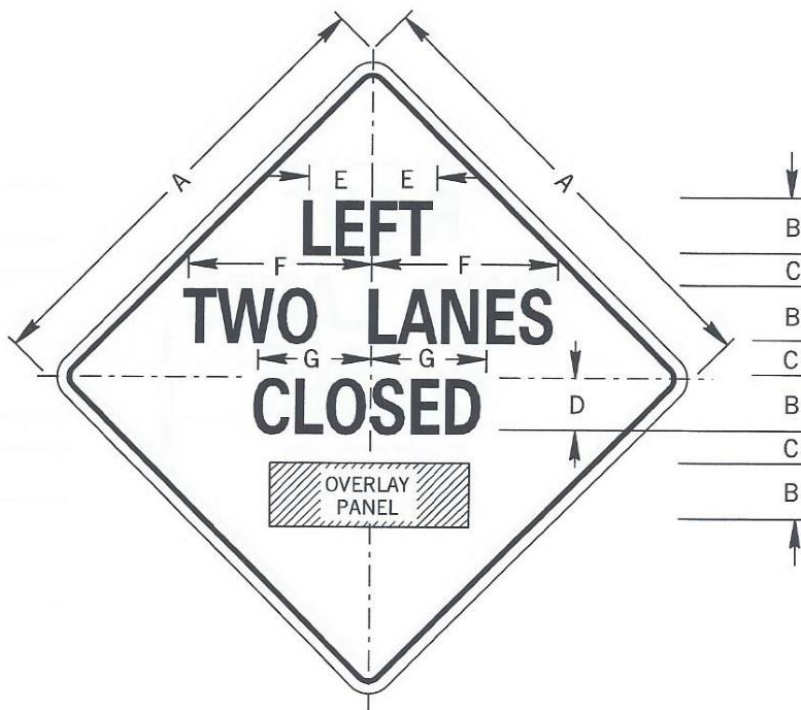
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-5AL

LEFT TWO LANES CLOSED SIGN

The Left Two 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.

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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
1200 x 1200 (48" x 48")	150C (6C)	110 (4.4)	133 (5.3)	187 (7.4)	485 (19.1)	313 (12.3)	10 (0.4)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

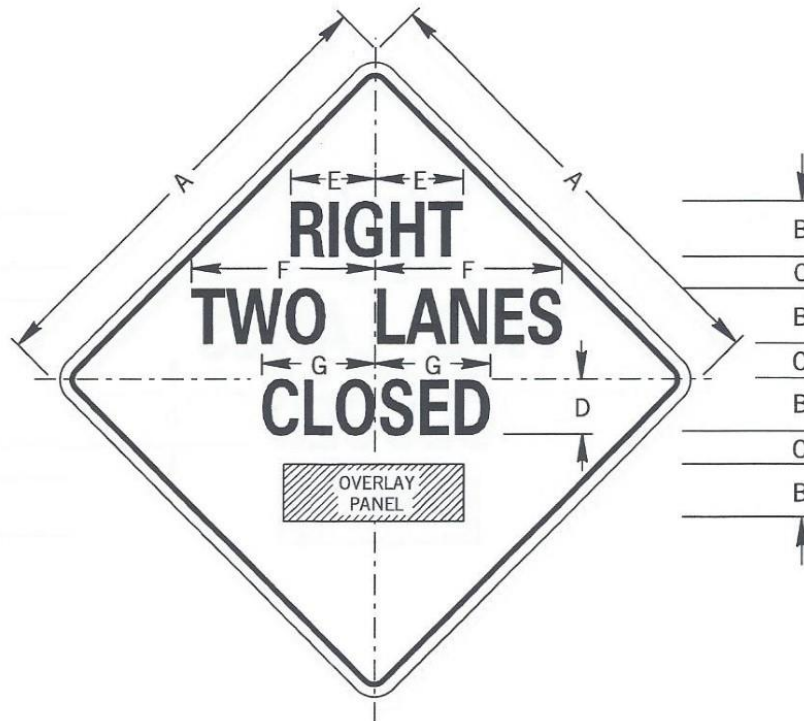
By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-5AR

RIGHT TWO LANES CLOSED SIGN

The Right Two 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.

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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
1200 x 1200 (48" x 48")	150C (6C)	110 (4.4)	133 (5.3)	234 (9.2)	485 (19.1)	313 (12.3)	10 (0.4)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

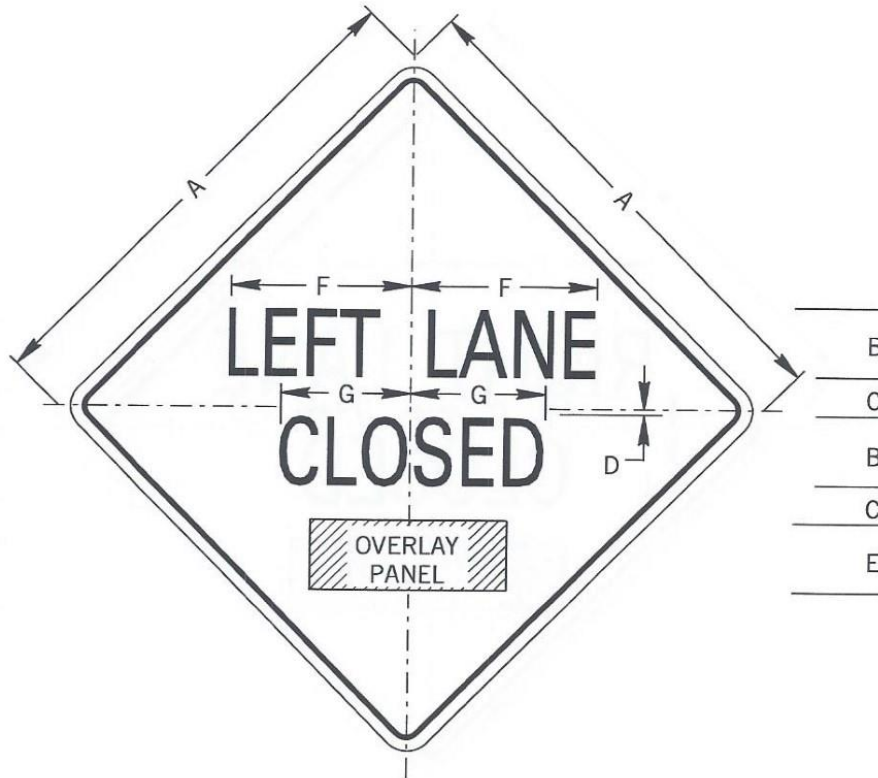
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-5L

LEFT LANE CLOSED SIGN

The Left Lane Closed Sign (W20-5L) shall be authorized for use in advance of a point where the left 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.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	70 (2.8)	10 (0.4)	125C (5C)	367 (14.5)	262 (10.3)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	150C (6C)	85 (3.4)	12 (0.5)	150C (6C)	440 (17.4)	313 (12.3)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

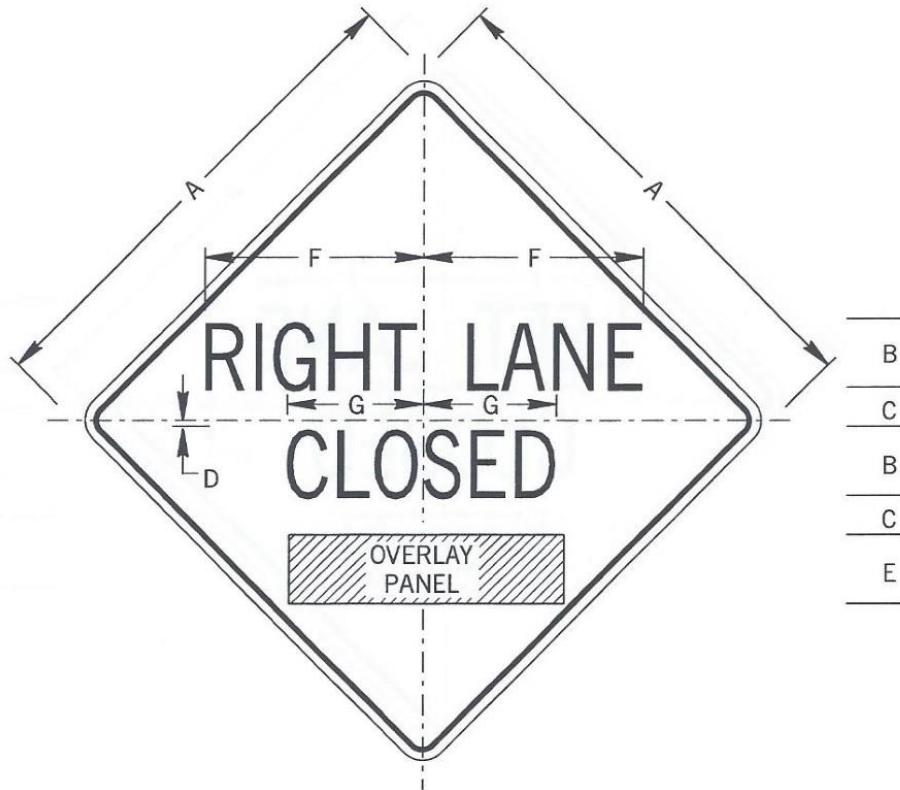
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-5R

RIGHT LANE CLOSED SIGN

The Right Lane Closed Sign (W20-5R) shall be authorized for use in advance of a point where the right 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 - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	70 (2.8)	10 (0.4)	125C (5C)	400 (15.7)	262 (10.3)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	150C (6C)	85 (3.4)	12 (0.5)	150C (6C)	478 (18.8)	313 (12.3)	20 (0.8)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

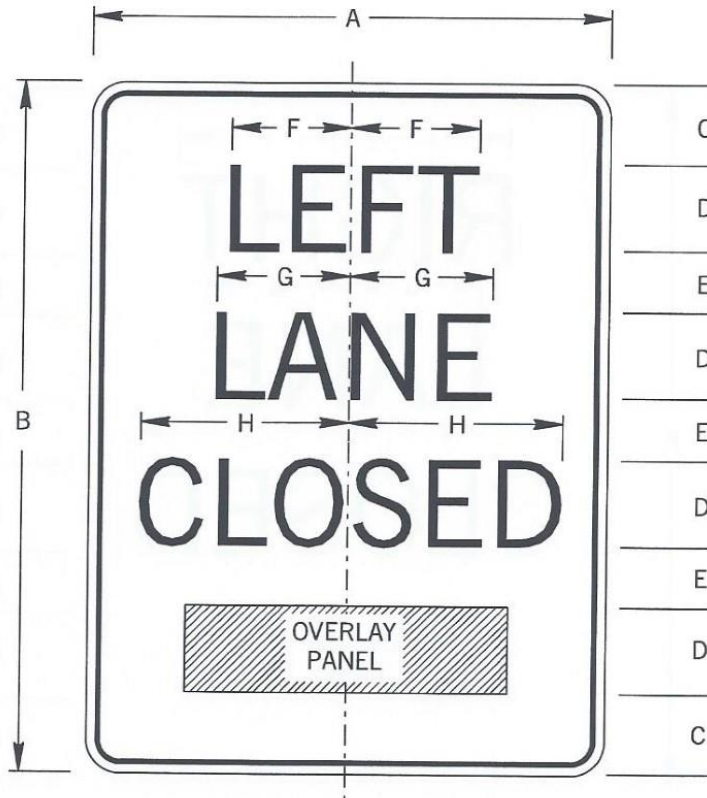
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: Alan C Rowe Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-5-3

RECTANGULAR LEFT LANE CLOSED SIGN

The Rectangular Left Lane Closed Sign (W20-5-3) may be used in median areas where the diamond-shaped Left Lane Closed Sign (W20-5L) cannot be used due to limited lateral space. Overlay panels may be used to indicate the distance or the legend "AHEAD".



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 1200 (36" x 48")	135 (5.4)	150D (6D)	110 (4.4)	224 (8.9)	245 (9.6)	374 (14.8)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

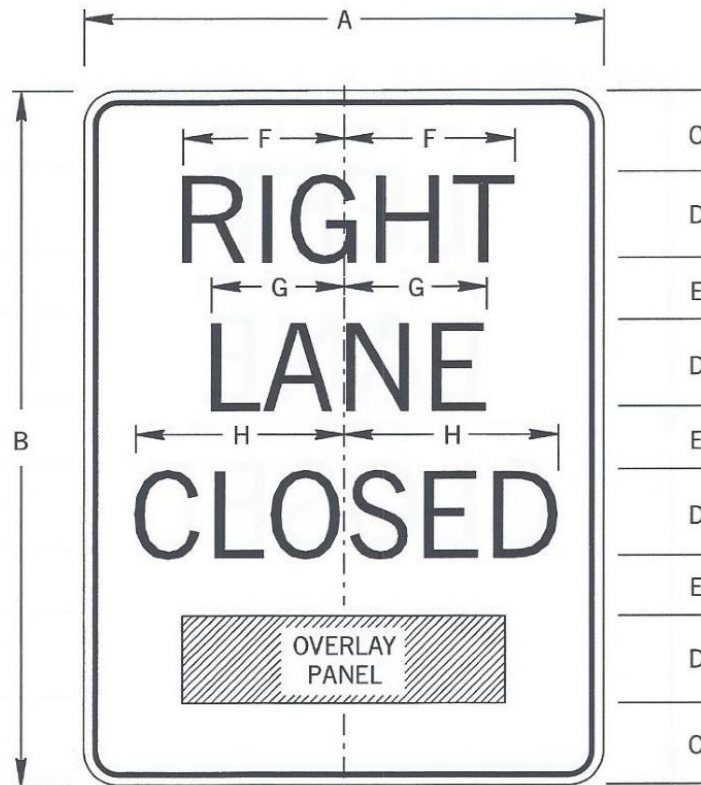
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-5-4

RECTANGULAR RIGHT LANE CLOSED SIGN

The Rectangular Right Lane Closed Sign (W20-5-4) may be used in median areas where the diamond-shaped Right Lane Closed Sign (W20-5R) cannot be used due to limited lateral space. Overlay panels may be used to indicate the distance or the legend "AHEAD".



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 1200 (36" x 48")	135 (5.4)	150D (6D)	110 (4.4)	280 (11.1)	245 (9.6)	374 (14.8)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

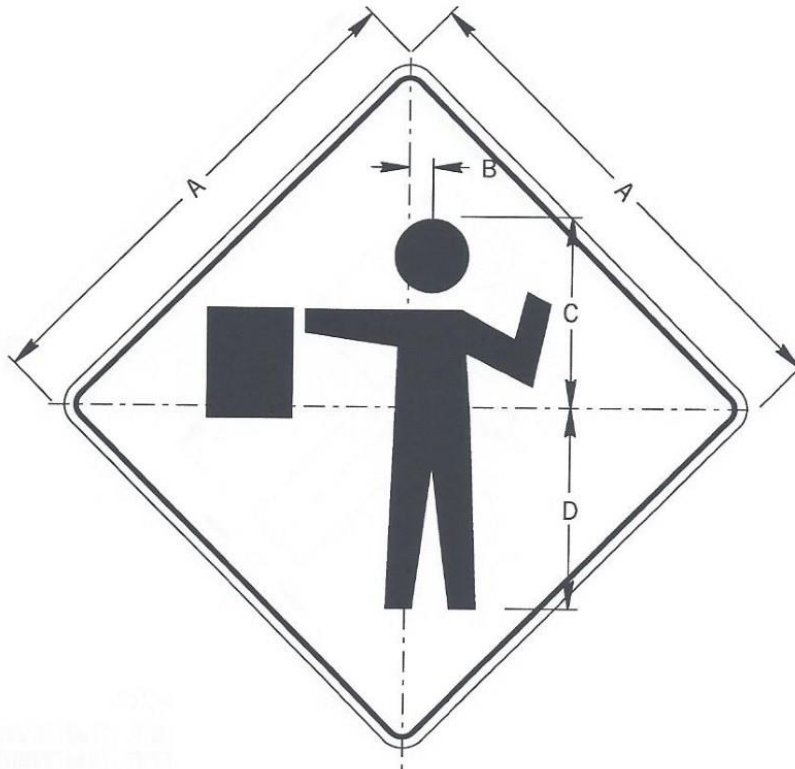
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-7A

FLAGGER SYMBOL SIGN

The Flagger Symbol Sign (W20-7A) may 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 () Feet Plaque (W16-2) below the W20-7A sign. The W20-7A sign shall be promptly removed, covered or turned to face away from the roadway whenever the flagger is not present.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	70 (2.8)	340 (13.6)	368 (14.7)	15 (0.6)	25 (1)
1200 x 1200 (48" x 48")	95 (3.8)	450 (18)	488 (19.5)	20 (0.8)	30 (1.2)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

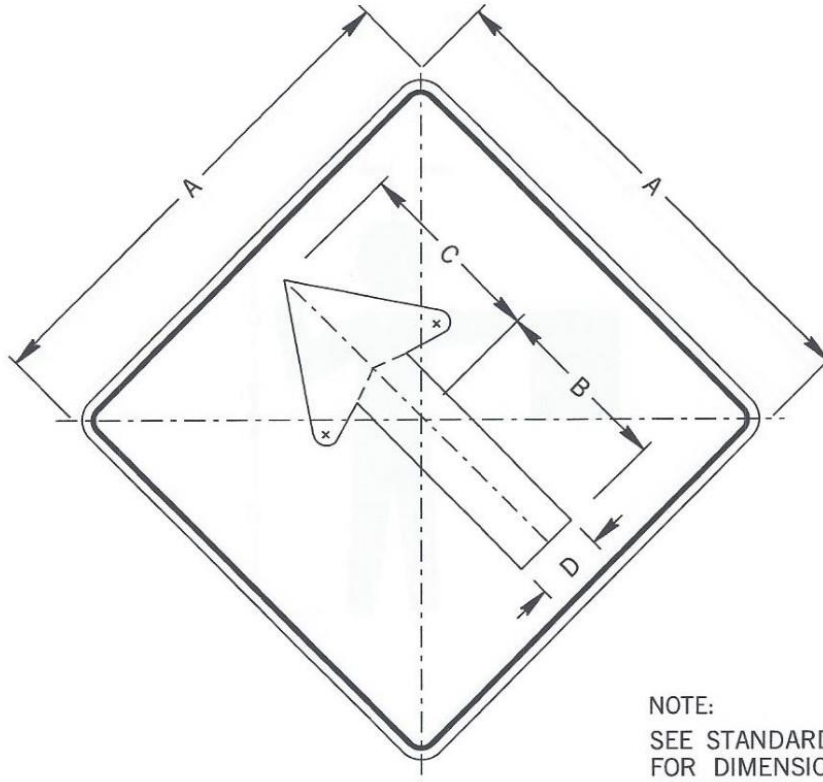
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-8

ARROW SIGN

(a) Justification. The Arrow Sign (W20-8) shall be authorized for use to channelize traffic at locations where the lateral displacement of vehicular traffic is required, such as temporary road endings and within construction or maintenance areas.

(b) Placement. When this sign is used on a transition, the arrow shall point upward at a 45° angle.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	300 (12)	305 (12.2)	110 (4.4)	15 (0.6)	20 (0.8)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

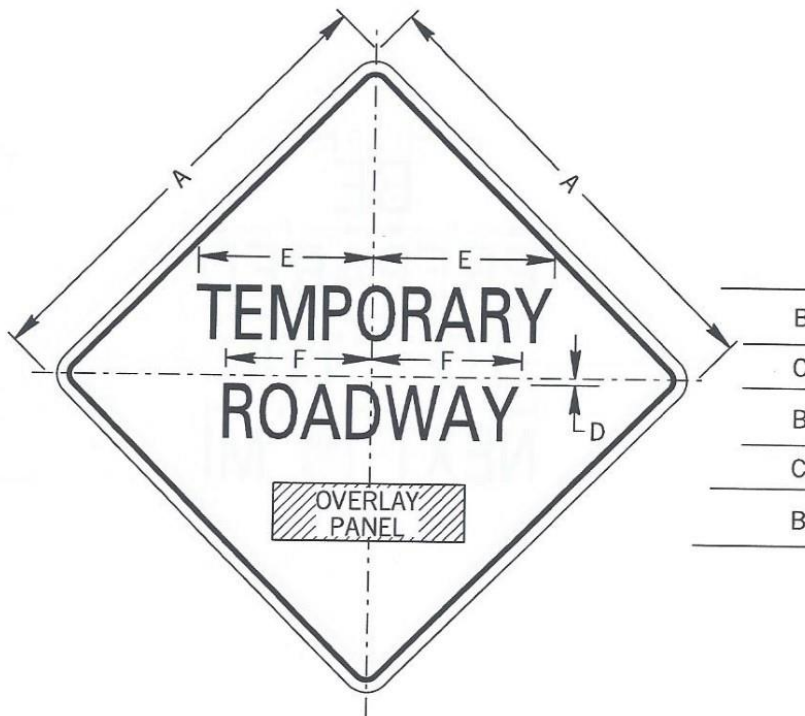
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-9

TEMPORARY ROADWAY SIGN

The Temporary Roadway Sign (W20-9) may be used when a temporary roadway is provided around a construction, maintenance or utility project. The word "RAMP" may be substituted for "ROADWAY" if applicable.

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 - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	85 (3.4)	12 (0.5)	395* (15.6)*	325 (12.8)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	150C (6C)	85 (3.4)	10 (0.4)	499 (19.7)	388 (15.3)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

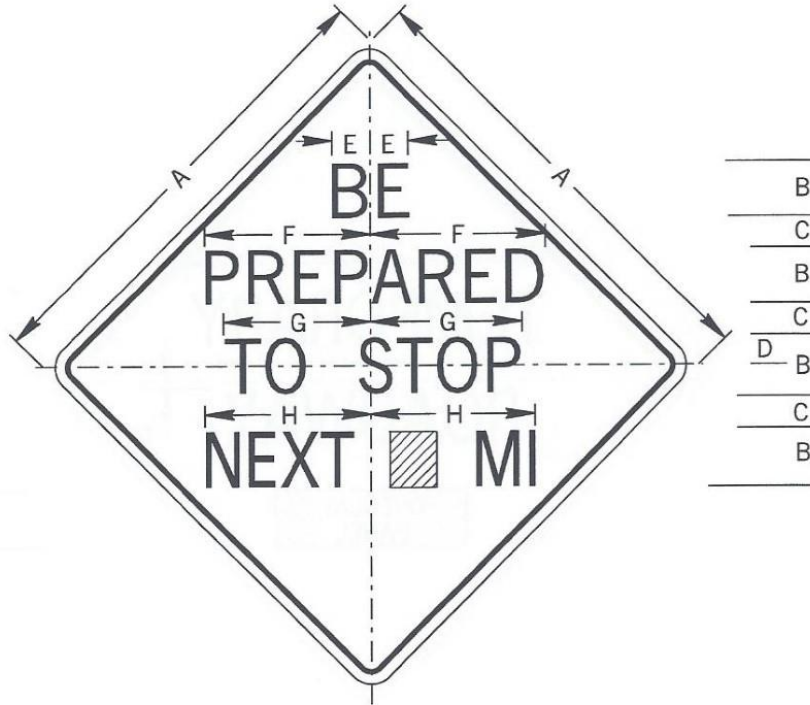
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (W7-3A).



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	63 (2.5)	80 (3.1)	348* (13.7)*	315 (12.5)	340 (13.4)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	63 (2.5)	96 (3.8)	431 (17)	377 (14.9)	422 (16.7)	20 (0.8)	30 (1.2)

* REDUCE SPACING 15%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-11

SOBRIETY CHECK POINT AHEAD SIGN

The Sobriety Check Point Ahead Sign (W20-11) shall be authorized for use in traffic operations to advise motorists that operations are being conducted ahead for sobriety screening /tests. The Be Prepared to Stop Sign (W3-4) should also be used in conjunction with this sign to advise motorists of intermittent stoppage of traffic.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150C (6C)	150 (6)	393 (15.5)	506 (19.9)	267 (10.6)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-12

SAFETY CHECK POINT AHEAD SIGN

The Safety Check Point Ahead Sign (W20-12) shall be authorized for use in traffic operations to advise motorists that operations are being conducted ahead for a systematic program of safety checks for vehicles and drivers. The Be Prepared to Stop Sign (W3-4) should also be used in conjunction with this sign to advise motorists of intermittent stoppage of traffic.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150C (6C)	150 (6)	303 (12)	506 (19.9)	267 (10.6)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

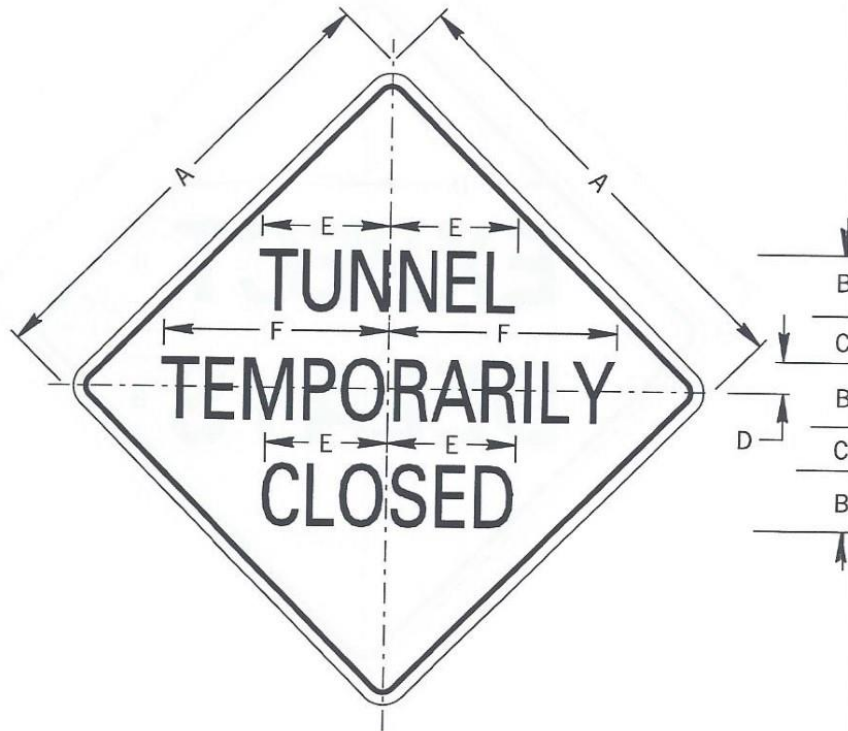
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-13

TUNNEL TEMPORARILY CLOSED SIGN

The Tunnel Temporarily Closed Sign (W20-13) may be used in advance of a closed tunnel in conjunction with other regulatory and warning signs.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	100C (4C)	70 (2.8)	50 (2)	209 (8.2)	380 (15.1)	10 (0.4)	15 (0.6)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-15

EXPECT DELAYS SIGN

The Expect Delays Sign (W20-15) may be used in construction or maintenance areas to advise motorists that operations are in progress that may cause delays in traffic.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	D	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150C (6C)	50 (2)	305 (12)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200C (8C)	75 (3)	408 (16)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

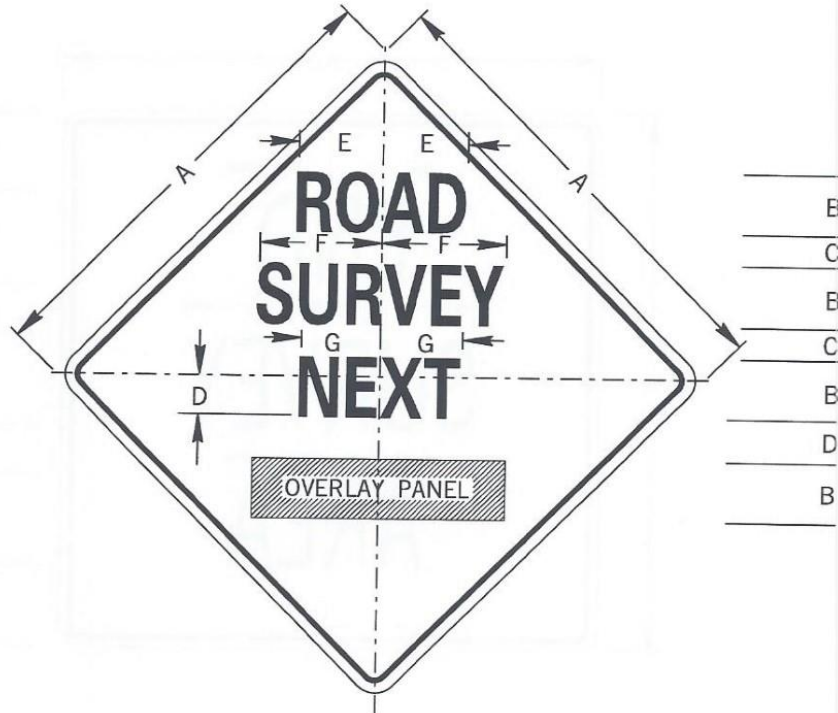
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-16

ROAD SURVEY NEXT () MILE SIGN

The Road Survey Next () Mile Sign (W20-16) may be used in advance of a roadway features survey to warn motorists of the survey operation.

Overlay panels may be used to indicate the distance. Details of overlay panels are provided in the W30-1 sign.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	50 (2)	75 (3)	179 (7.1)	270 (10.6)	167 (6.6)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	150C (6C)	75 (3)	100 (4)	214 (8.5)	323 (12.8)	200 (7.9)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-17

END ROADWAY SURVEY SIGN

The End Roadway Survey Sign (W20-17) may be used at the end of a roadway survey to let motorists know that they have passed the survey area.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	113 (4.5)	125C (5C)	75 (3)	112 (4.5)	126 (4.9)	270 (10.6)	178 (7)	10 (0.4)	15 (0.6)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

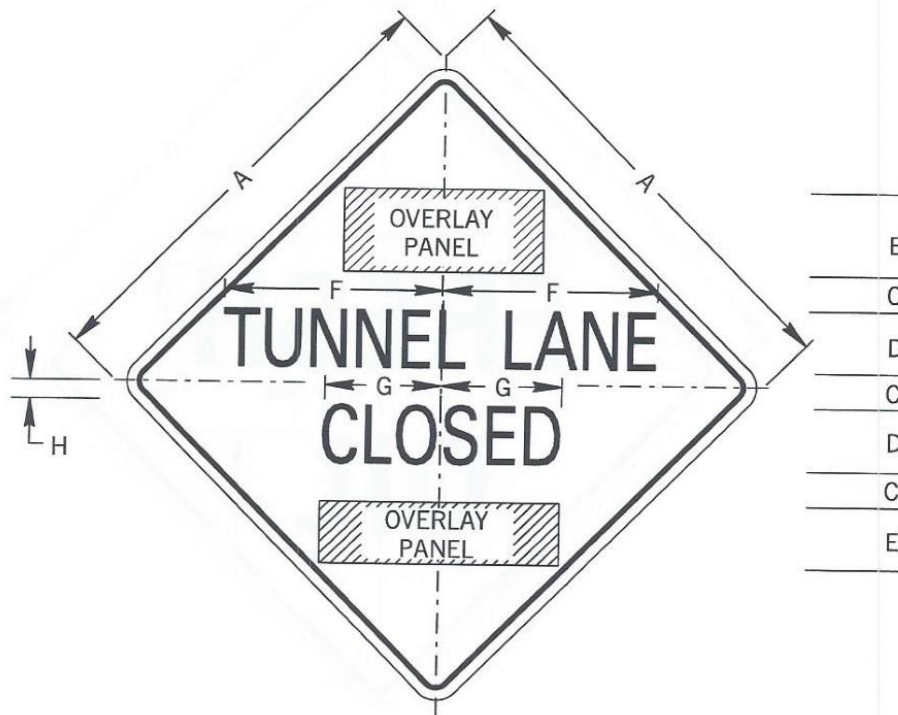
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W20-99

TUNNEL LANE CLOSED SIGN

The Tunnel Lane Closed Sign (W20-99) is authorized for use on multilane roadways in advance of a tunnel to indicate a designated lane in the tunnel is closed.

Overlay panels may be used to indicate the closed lane and distance. Instead of exact distances, the legend "AHEAD" may be used.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	175C (7C)	52 (2.1)	125C (5C)	125C (5C)	439* (17.2)*	262 (10.3)	36 (1.4)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200C (8C)	85 (3.4)	150C (6C)	125C (5C)	551 (21.7)	313 (12.3)	12 (0.5)	20 (0.8)	25 (1)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-2

FRESH OIL SIGN

The Fresh Oil Sign (W21-2) shall be authorized for use to warn motorists that resurfacing operations have rendered the surface of the highway temporarily hazardous, and that objectionable splashing on vehicles may occur.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	150D (6D)	100 (4)	297* (11.7)*	166** (6.6)**	10 (0.4)	20 (0.8)
900 x 900 (36" x 36")	175D (7D)	125 (5)	349* (13.8)*	194** (7.6)**	15 (0.6)	25 (1)

*REDUCE SPACING 20%
**INCREASE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

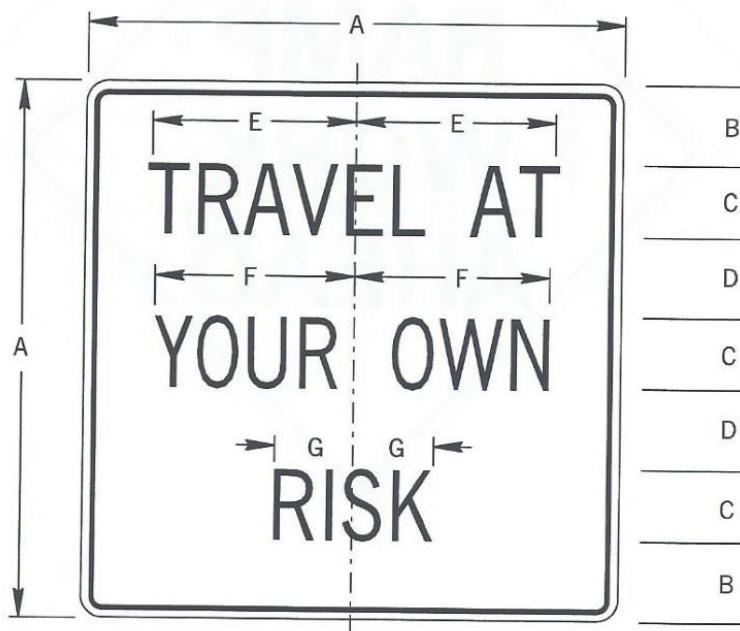
W21-2-1

TRAVEL AT YOUR OWN RISK SIGN

(a) Justification. The Travel At Your Own Risk Sign (W21-2-1) may be used in conjunction with:

- (1) Road Closed — Local Traffic Only; Bridge Out — Local Traffic Only; and Road Closed to Thru Traffic Signs;
- (2) Construction and Maintenance Warning Signs such as: Fresh Oil; No Guide Rail; and other Construction and Maintenance Warning Signs which warn drivers of a specific temporary condition which will terminate upon completion of the construction or maintenance project; and
- (3) Warning signs such as: Loose Gravel; Watch For Mud; and other warning signs which warn drivers of a specific condition that is programmed for correction in the near future.

(b) Placement. When used, the W21-2-1 sign shall be mounted below the primary sign. An Advisory Speed Plaque (W13-1) may be mounted below the W21-2-1 sign.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	125 (5)	100C (4C)	100 (4)	315 (12.4)	310 (12.3)	123 (4.8)	10 (0.4)	15 (0.6)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WITH WORK ZONE WARNING SIGNS-
ORANGE (REFLECTORIZED)
WITH OTHER SIGNS-
YELLOW (REFLECTORIZED)

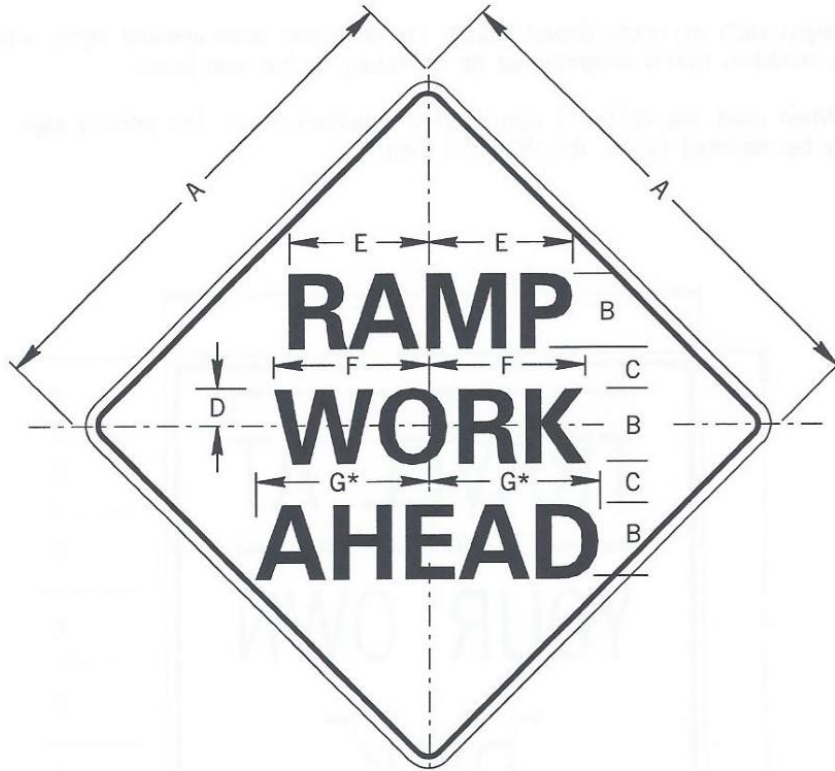
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-4-1B

RAMP WORK AHEAD SIGN

The Ramp Work Ahead Sign (W21-4-1B) may be used in lieu of the Road Work Ahead Sign (W20-1) when a work area is located on a ramp. In lieu of the word AHEAD, distances may be shown.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
1200 x 1200 (48" x 48")	175D (7D)	100 (4)	88 (3.5)	317 (12.5)	321 (12.6)	375 (14.8)	20 (0.8)	30 (1.2)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

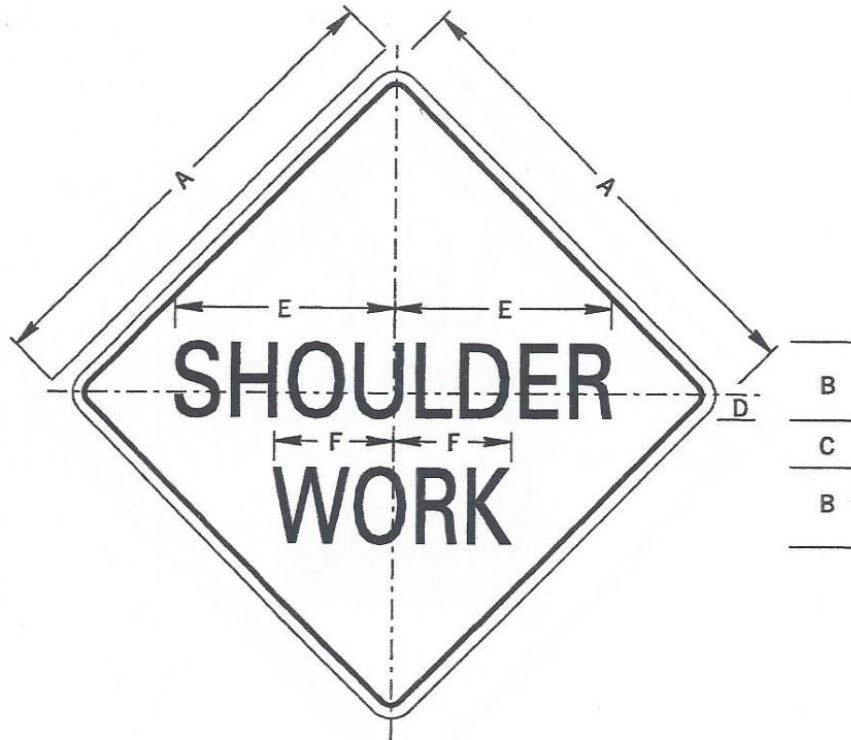
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-5

SHOULDER WORK SIGN

The Shoulder Work Sign (W21-5) may be used to warn of maintenance, construction, or utility operations on the shoulder, where the traveled way is unobstructed.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	125C (5C)	75 (3)	40 (1.6)	363 (14.3)	191 (7.6)	10 (0.4)	15 (0.6)
1200 x 1200 (48" x 48")	200C (8C)	100 (4)	75 (3)	580 (22.9)	306 (12.1)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

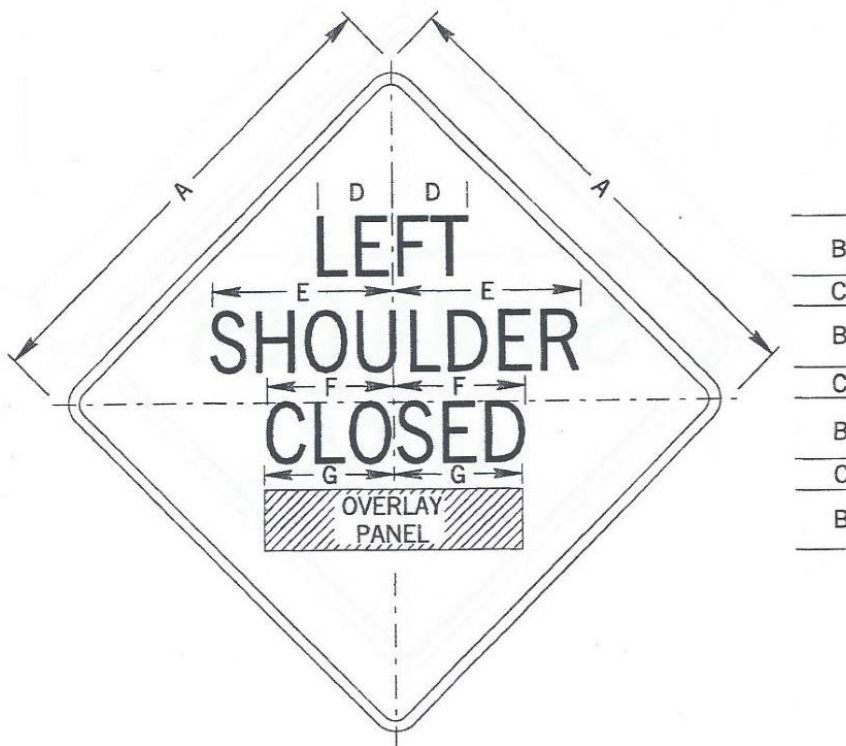
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-5BL

LEFT SHOULDER CLOSED () SIGN

The Left Shoulder Closed () Sign (W21-5BL) may be used in advance of a portion of roadway where the left shoulder is closed. Details of alternate distances are provided in the W30-1 sign. In lieu of exact distances, the legend "AHEAD" may be used.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
750 x 750 (30"x 30")	100C (4C)	50 (2)	125 (4.9)	290 (11.4)	208 (8.2)	VAR.	10 (0.4)	20 (0.8)
900 X 900 (36"x 36")	125C (5C)	64 (2.5)	156 (6.1)	361 (14.2)	259 (10.2)	VAR.	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	150C (6C)	75 (3)	187 (7.4)	434 (17)	313 (12.3)	VAR.	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

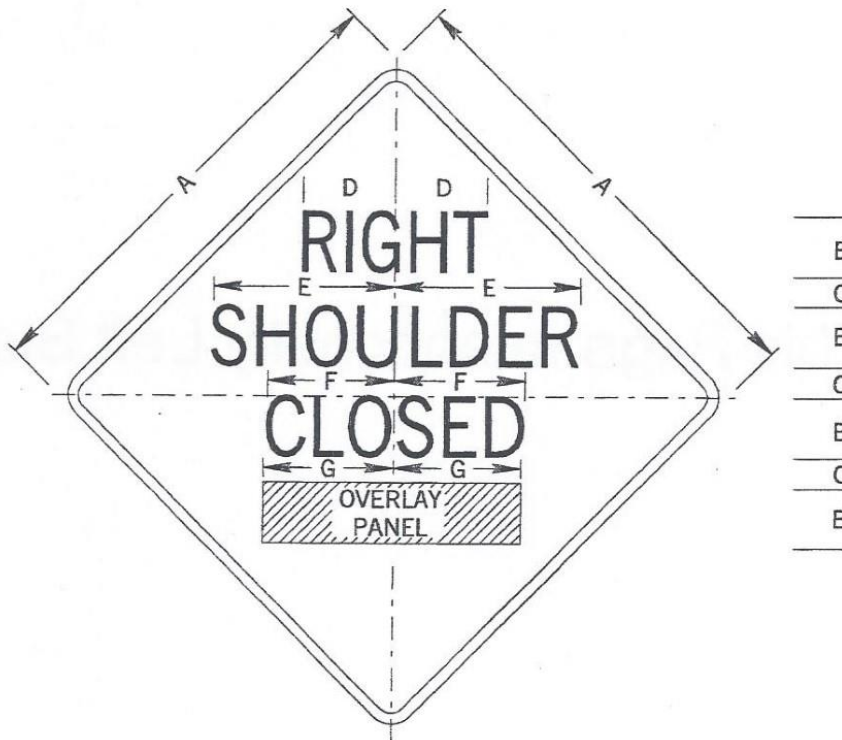
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-5BR

RIGHT SHOULDER CLOSED () SIGN

The Right Shoulder Closed () Sign (W21-5BR) may be used in advance of a portion of roadway where the right shoulder is closed. Details of alternate distances are provided in the W30-1 sign. In lieu of exact distances, the legend "AHEAD" may be used.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
750 x 750 (30"x 30")	100C (4C)	50 (2)	157 (6.1)	290 (11.4)	208 (8.2)	VAR.	10 (0.4)	20 (0.8)
900 X 900 (36"x 36")	125C (5C)	64 (2.5)	196 (7.6)	361 (14.2)	259 (10.2)	VAR.	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	150C (6C)	75 (3)	231 (9.1)	434 (17)	313 (12.3)	VAR.	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

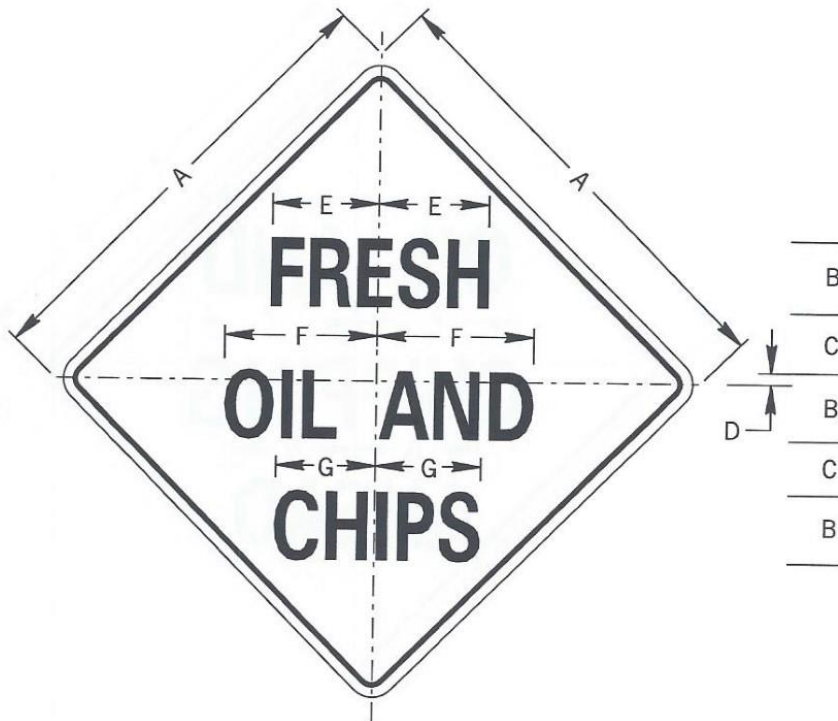
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-5-1

FRESH OIL AND CHIPS SIGN

The Fresh Oil and Chips Sign (W21-5-1) may be used in conjunction with surface treatments to advise drivers that fresh oil and chips may be present.

When used, the W21-5-1 sign shall be installed in advance of the section of roadway where the surface treatment is to be applied and along the roadway on each side of major intersecting roads. The signs may be left in place for approximately one week after the surface treatment operation.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	75 (3)	25 (1)	217 (8.5)	300 (11.9)	197 (7.8)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

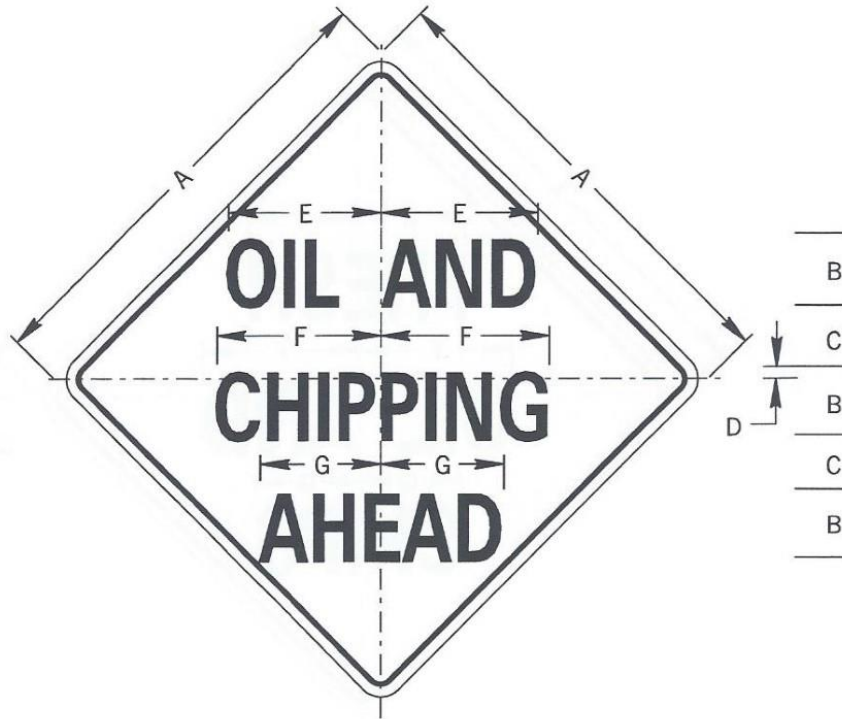
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-5-2

OIL AND CHIPPING AHEAD SIGN

(a) Justification. The Oil and Chipping Ahead Sign (W21-5-2) may be used in advance of a roadway surface treatment project to advise drivers of oil and chipping operations.

(b) Placement. When used, the W21-5-2 sign shall be installed in advance of the section of highway where oil and chipping is being conducted. The sign shall only be in place during actual oil and chipping operations.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	75 (3)	25 (1)	300 (11.9)	317 (12.4)	223 (8.8)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

Date

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-6

SURVEY CREW SIGN

The Survey Crew Sign (W21-6) may be used in advance of the location where a surveying crew is working on or adjacent to the roadway.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	E	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150D (6D)	90 (3.6)	394 (15.6)	257 (10.2)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200D (8D)	150 (6)	528 (20.9)	344 (13.6)	20 (0.8)	30 (1.2)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

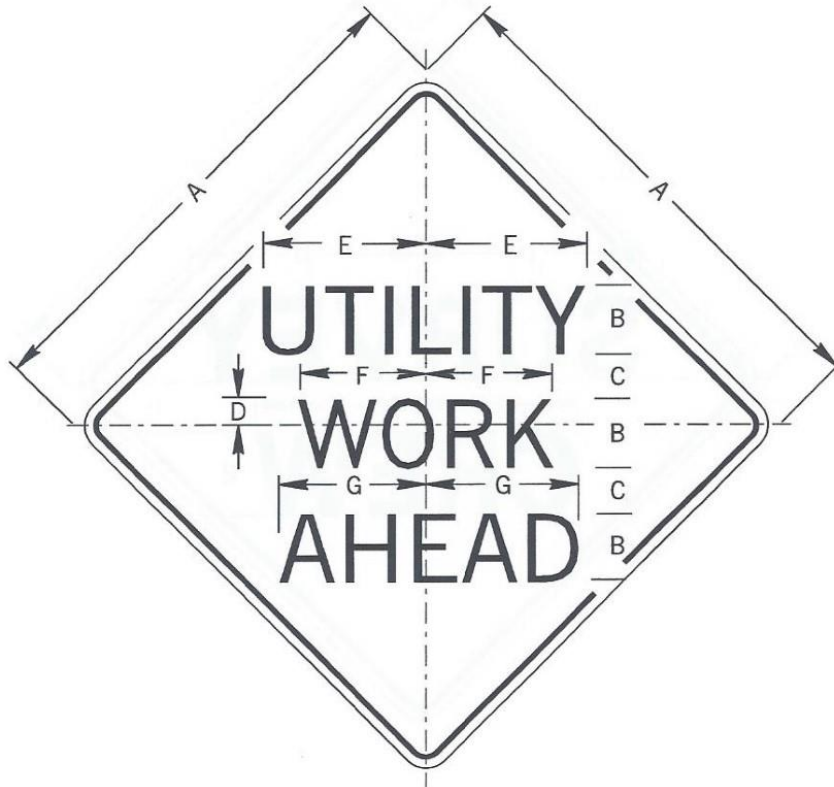
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-7

UTILITY WORK AHEAD SIGN

The Utility Work Ahead Sign (W21-7) may be used as an alternate to the Work Area Ahead sign (W21-8) for utility operations only.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	80 (3.2)	50 (2)	300 (11.8)	229 (9.1)	278 (10.9)	15 (0.6)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-8

WORK AREA AHEAD SIGN

The Work Area Ahead Sign (W21-8) shall be authorized for use in advance of obstructions or restrictions that a motorist may encounter at construction, maintenance, or utility work areas. The 1200 mm by 1200 mm (48" x 48") size may indicate the actual distance in lieu of the legend "AHEAD".



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150C (6C)	70 (2.8)	55 (2.2)	229 (9)	212 (8.4)	267 (10.6)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200C (8C)	95 (3.8)	70 (2.8)	306 (12.1)	284 (11.2)	356 (14)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

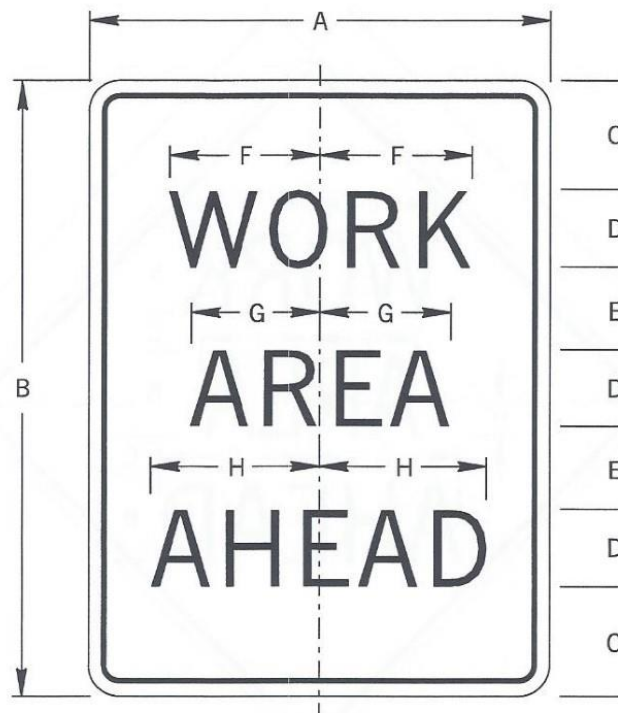
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-8-1

RECTANGULAR WORK AREA AHEAD SIGN

The Rectangular Work Area Ahead Sign (W21-8-1) may be used in median areas where the diamond-shaped Work Area Ahead (W21-8) cannot be used due to limited lateral space.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 1200 (36" x 48")	210 (8.4)	150D (6D)	165 (6.6)	274 (10.8)	267 (10.5)	332 (13)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-9A

NO GUIDE RAIL SIGN

(a) Justification. The No Guide Rail Sign (W21-9A) may be used on new construction when guide rail is scheduled for installation, but has not been installed prior to opening the highway for traffic. The W21-9A sign is also authorized for use when existing guide rail has been removed for maintenance and is scheduled for replacement.

(b) Placement. When used, the W21-9A sign shall be placed in advance of the missing guide rail and at intervals through long sections of missing guide rail. The signs shall be removed when the missing guide rail is installed.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
750 x 750 (30" x 30")	125D (5D)	75 (3)	63 (2.5)	102 (4)	237 (9.3)	183 (7.2)	15 (0.6)	20 (0.8)
900 x 900 (36" x 36")	150D (6D)	100 (4)	125 (5)	122 (4.8)	284 (11.2)	218 (8.6)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200D (8D)	125 (5)	150 (6)	165 (6.5)	378 (14.9)	292 (11.5)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

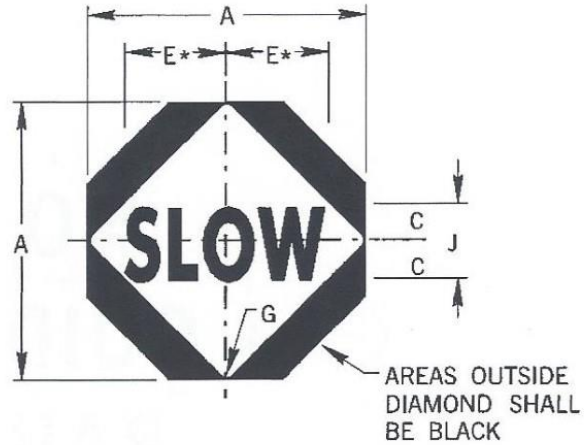
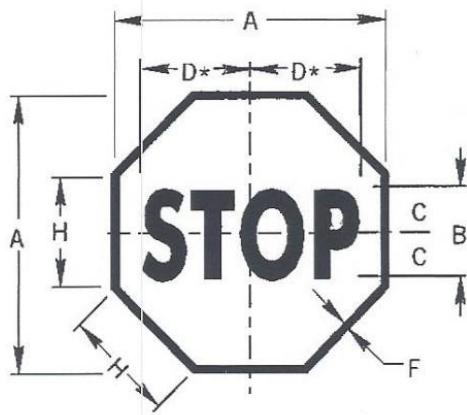
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-10

STOP AND SLOW PADDLE

The Stop and Slow Paddle (W21-10) is authorized for use as a hand signaling device by a flagger. The paddle shall be attached to a staff of sufficient length so that the bottom of the sign is 1800 mm (72") above the road surface. The Flagger Symbol Sign (W20-7A) should normally be used in conjunction with this paddle. The message Slow or Stop may be used on both sides of the sign paddle.

The Stop and Slow Paddle shall be used as indicated in Publication 203M (relating to Work Zone Traffic Control). The Slow and Slow Paddle shall only be used to slow traffic. The Stop and Stop Paddle shall only be used to stop traffic in both directions.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	H	J
450 x 450 (18" x 18")	150C (6C)	75 (3)	190 (7.5)	165 (6.6)	12 (0.5)	35 (1.4)	187 (7.5)	150B (6B)
600 x 600 (24" x 24")	200C (8C)	100 (4)	254 (10)	220 (8.7)	15 (0.6)	35 (1.4)	250 (10)	200B (8B)

* REDUCE SPACING 40%

COLOR:

STOP FACE:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
RED (REFLECTORIZED)

SLOW FACE:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
FLUORESCENT ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

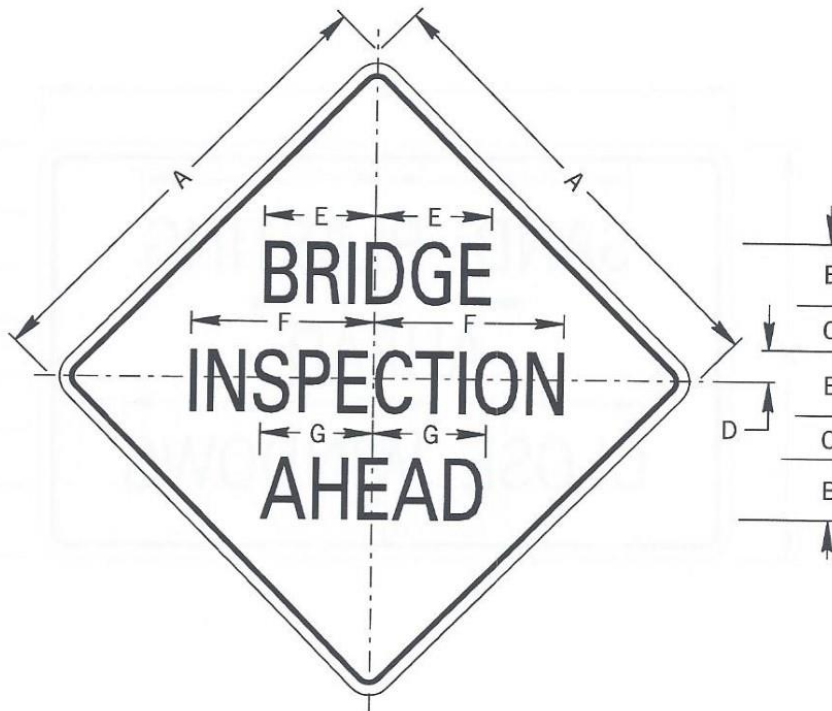
By : James P. Tinagliis Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-11

BRIDGE INSPECTION AHEAD SIGN

(a) Justification. The Bridge Inspection Ahead Sign (W21-11) will be authorized for use in advance of a bridge where bridge inspectors are either inspecting the bridge roadway or an overhead structure or where it is necessary to park a bridge inspection vehicle on the roadway.

(b) Placement. When used, the W21-11 sign shall be placed at the location where the Work Area Ahead Sign (W21-8), is normally stipulated in Publication 203M (relating to traffic control in construction areas).



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	75 (3)	63 (2.5)	291 (11.4)	476 (18.8)	277 (10.9)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175D (7D)	100 (4)	88 (3.5)	409 (16.1)	669 (26.3)	388 (15.3)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

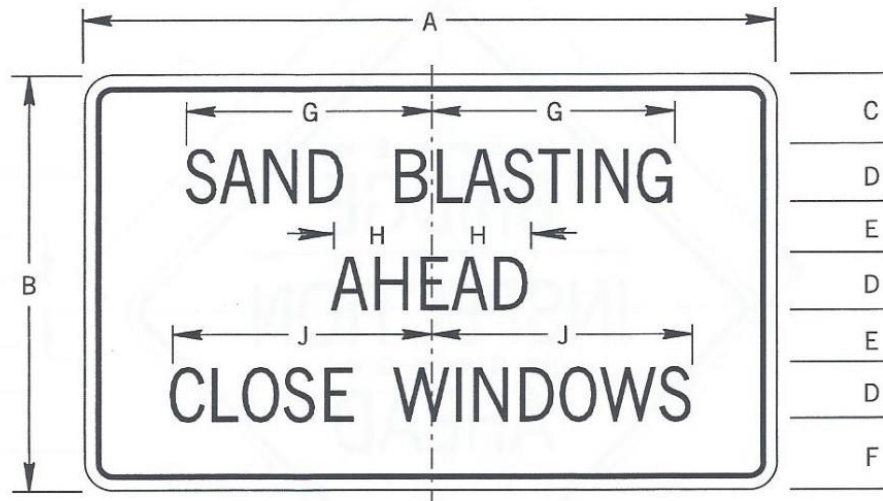
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-12

SAND BLASTING AHEAD CLOSE WINDOWS SIGN

The Sand Blasting Ahead Close Windows Sign (W21-12) shall be authorized for use in advance of work areas where sand blasting is being performed when drifting sand could create a potential hazard to motorists with open windows.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER
1500 x 900 (60" x 36")	148 (5.9)	125C (5C)	115 (4.6)	147 (5.9)	570 (22.4)	223 (8.8)	593 (23.4)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

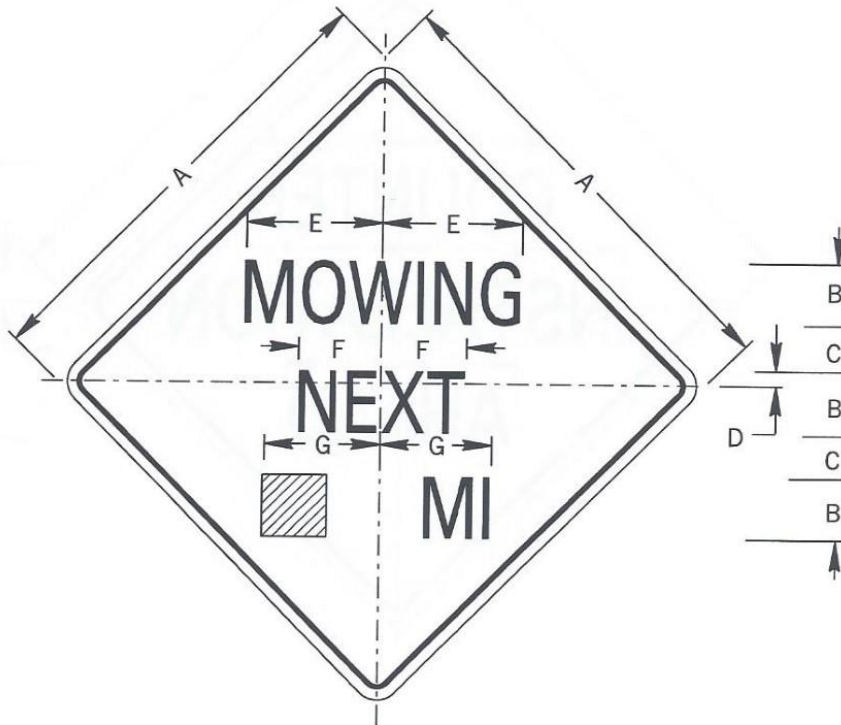
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-14

MOWING NEXT () MI SIGN

(a) Justification. The Mowing Next () MI Sign (W21-14) may be used to advise motorists that roadside mowing is taking place ahead.

(b) Placement. When used, the W21-14 sign shall be placed approximately 150 m (500') in advance of the area to be mowed. Except for mowing in the median when a sign should be installed for both directions of travel, signing for traffic on the side of the highway where the mowing is taking place is normally adequate. The distance on the sign shall be limited to 5 miles.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	63 (2.5)	30 (1.2)	265 (10.4)	167 (6.6)	196 (7.8)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175C (7C)	88 (3.5)	45 (1.8)	371 (14.7)	234 (9.2)	274 (10.7)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

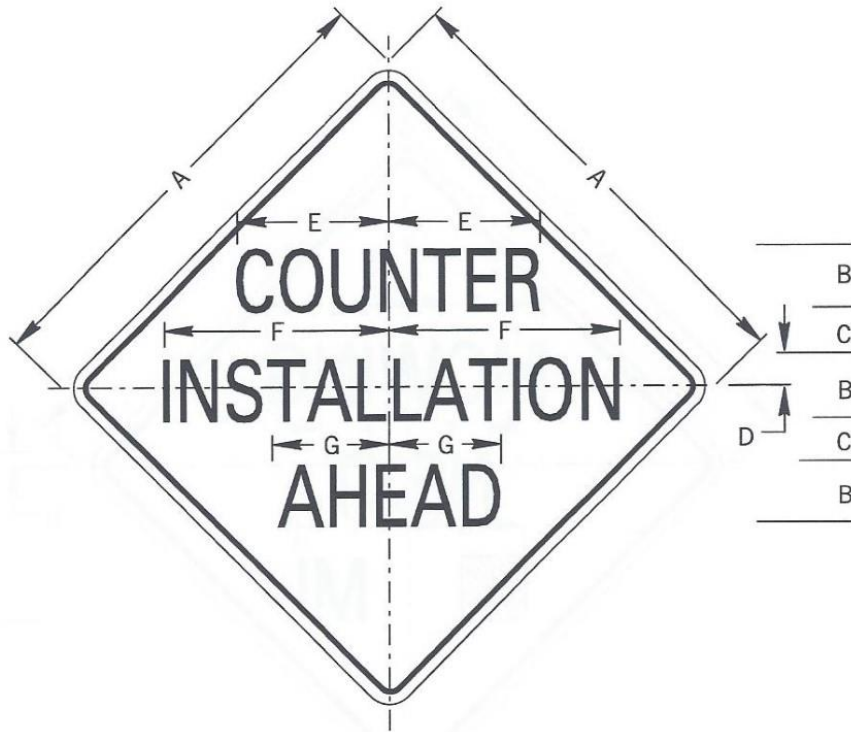
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-15

COUNTER INSTALLATION AHEAD SIGN

(a) Justification. The Counter Installation Ahead Sign (W21-15) may be used to advise motorists that traffic counter equipment is being installed or removed ahead.

(b) Placement. When used, the W21-15 sign shall be installed in accordance with Figure 5 in Publication 203M.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125C (5C)	90 (3.6)	63 (2.5)	309 (12.3)	473 (18.6)	223 (8.8)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175C (7C)	110 (4.4)	88 (3.5)	432 (17)	660 (25.9)	312 (12.3)	15 (0.6)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

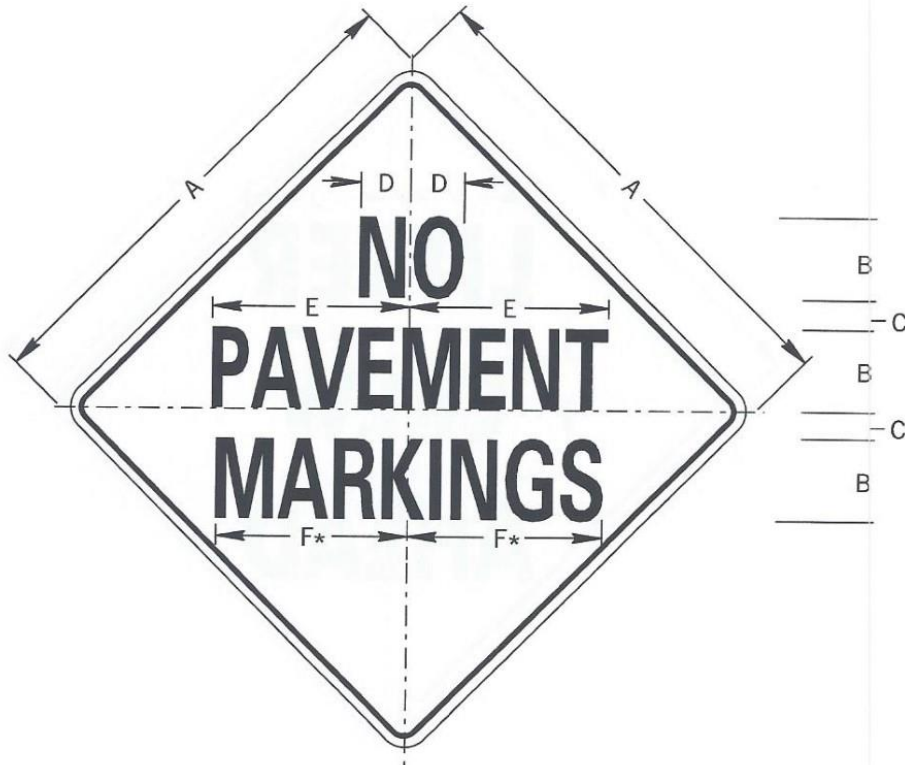
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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. If used, the sign shall be installed at the beginning and at intervals of not more than 800 m (1/2 mile) through the area with no pavement markings.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150C (6C)	50 (2)	102 (4)	426 (16.8)	375 (14.8)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200C (8C)	65 (2.6)	136 (5.4)	568 (22.3)	501 (19.7)	20 (0.8)	25 (1)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-18

LITTER CREW AHEAD SIGN

The Litter Crew Ahead Sign (W21-18) may be used in advance of a litter pick-up operation. The sign should be set up or unfolded during temporary litter pick-up operations, and promptly removed or folded as soon as the clean up work is completed.

The larger 1200 mm x 1200 mm (48" x 48") size sign should be used when litter pick-up operations take place on expressways or freeways.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150C (6C)	100 (4)	261 (10.3)	216 (8.5)	267 (10.6)	75 (3)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175C (7C)	100 (4)	304 (11.9)	252 (9.9)	312 (12.3)	88 (3.5)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-18A

LITTER CREW AHEAD SIGN (SQUARE)

The Litter Crew Ahead Sign (Square) (W21-18A) may be used as a folding sign in advance of a litter pick-up operation. The sign should be unfolded during temporary litter pick-up operations, and promptly folded as soon as the clean-up work is completed.

The larger 1200 mm x 1200 mm (48" x 48") size sign should be used when litter pick-up operations take place on expressways or freeways.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125 (5)	150C (6C)	100 (4)	125 (5)	261 (10.3)	216 (8.5)	267 (10.6)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	235 (9.4)	175C (7C)	100 (4)	240 (9.6)	304 (11.9)	252 (9.9)	312 (12.3)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

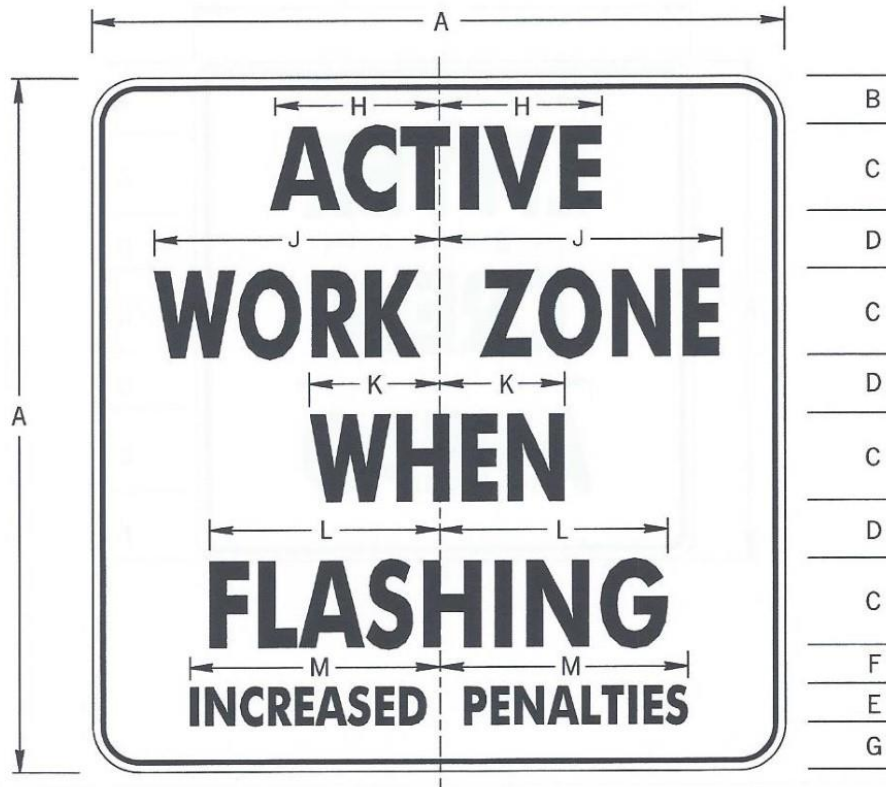
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-19

ACTIVE WORK ZONE WHEN FLASHING SIGN

(a) Justification. The Active Work Zone When Flashing Sign (W21-19) shall be used in advance of an "active work zone" in accordance with Department guidelines to advise motorists that construction, maintenance or utility workers are on the roadway, berm or shoulder, and that increased penalties apply. The W21-19 sign shall be equipped with a flashing white light that is activated when workers are present and when flashing shall be readily visible both day and night by an ordinarily observant person. When workers are not present for more than 60 minutes, the flashing light shall be turned off.

(b) Placement. When used, the W21-19 sign shall be erected as close as practical to the beginning of the active work zone, except motorists' safety should not be compromised by erecting the signs within transitions or at other locations where the sign could be especially distracting. When a work zone has more than one active work zone and the active work zones are more than 1.6 km (1 MILE) apart, each active work zone shall be signed individually with this sign.



DIMENSIONS - mm (IN)														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	
900 x 900 (36" x 36")	62 (2.5)	113C (4.5C)	75 (3)	50C (2C)	50 (2)	61 (2.5)	212 (8.3)	367 (14.5)	165 (6.5)	296 (11.6)	322 (12.7)	15 (0.6)	20 (0.8)	
1200 x 1200 (48" x 48")	86 (3.5)	150C (6C)	88 (3.5)	75C (3C)	75 (3)	100 (4)	282 (11.2)	490 (19.3)	220 (8.7)	395 (15.5)	483 (19.1)	20 (0.8)	25 (1)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

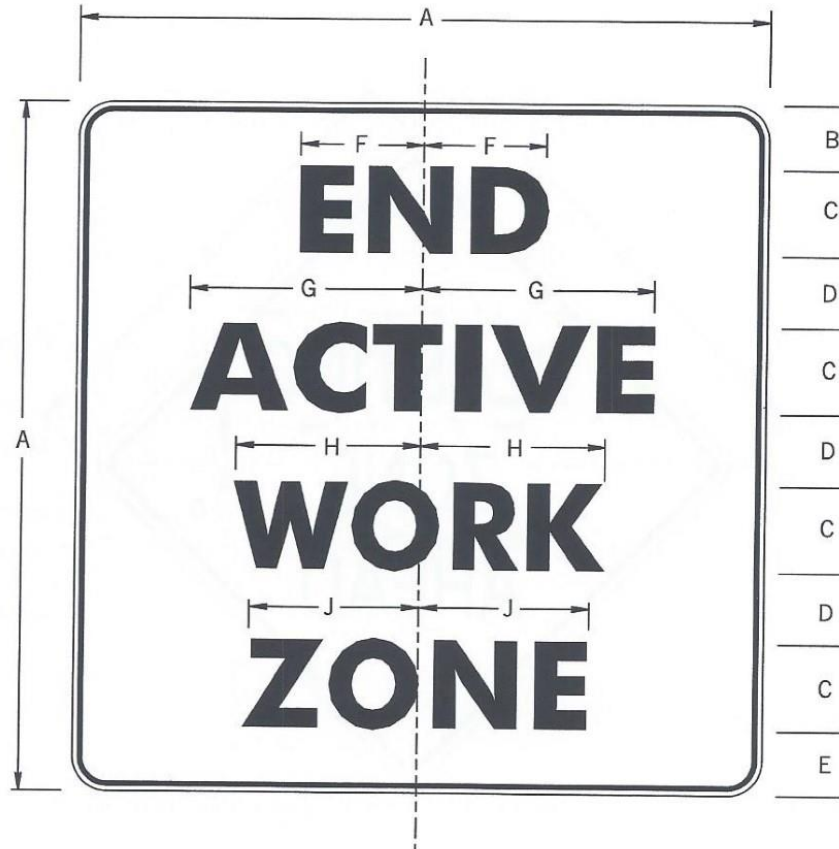
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W21-20

END ACTIVE WORK ZONE SIGN

The End Active Work Zone Sign (W21-20) should be installed immediately at the end of each "active work zone" when signs are erected at the beginning of the active work zone to advise of increased penalties. However, the W21-20 sign is not necessary if the End Road Work Sign (G20-2) or the End Work Area Sign (G20-3) is located at this location.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	
900 x 900 (36" x 36")	88 (3.5)	125E (5E)	75 (3)	87 (3.5)	177 (7)	337 (13.2)	267 (10.5)	246 (9.6)	15 (0.6)	20 (0.8)	
1200 x 1200 (48" x 48")	113 (4.5)	150E (6E)	125 (5)	112 (4.5)	213 (8.4)	404 (16)	320 (12.6)	295 (11.6)	15 (0.6)	20 (0.8)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

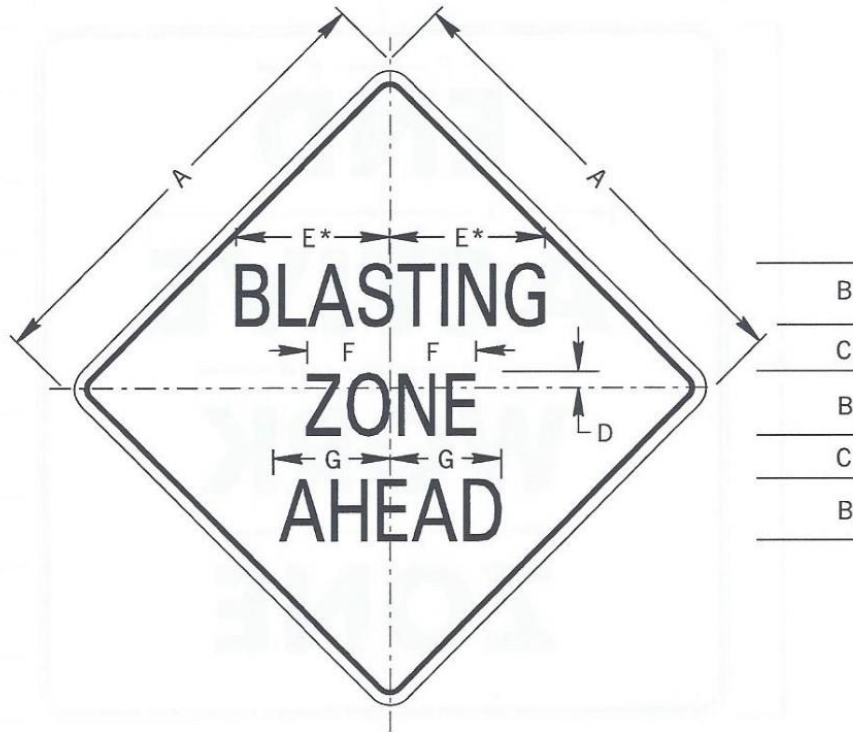
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 (W22-2) 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 300 m (1000') in advance of the Turn Off 2-Way Radios And Cell Phones Sign (W22-2).



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
1200 x 1200 (48" x 48")	175C (7C)	100 (4)	35 (1.4)	415 (16.3)	246 (9.7)	312 (12.3)	20 (0.8)	25 (1)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W22-2

TURN OFF 2-WAY RADIOS AND CELL PHONES SIGN

The Turn Off 2-Way Radios And Cell Phones Sign (W22-2) shall be authorized for use and shall be located at least 300 m (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 - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" x 36")	125 (5)	175C (7C)	100 (4)	100C (4C)	38 (1.5)	37 (1.5)	492 (19.5)	386 (15.2)	107 (4.2)	361 (14.2)	15 (0.6)	20 (0.8)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 300 m (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 (W22-2). The sign shall be covered or removed when there are no explosives in the area or the area is otherwise secure.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
1050 x 900 (42" x 36")	125 (5)	150C (6C)	100 (4)	150 (5.9)	392 (15.4)	210 (8.3)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W23-1

THIS BRIDGE TO BE CLOSED FOR MAINTENANCE SIGN

The This Bridge To Be Closed For Maintenance Sign (W23-1) may be installed as a public courtesy in advance of a bridge which is scheduled for closure due to repairs or reconstruction. The message may be varied as necessary in order to meet the particular needs, e.g., the word BRIDGE may be replaced with the words RAILROAD, HIGHWAY, or STREET; the term THIS BRIDGE may be replaced with the term NEXT 3 MILES; the word MAINTENANCE may be replaced with CONSTRUCTION or REPAIRS; or NEXT WEEK may be replaced with a date.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER
2400 x 1200 (96" x 48")	120 (4.8)	150D (6D)	634 (25.1)	753 (29.8)	949 (37.6)	566 (22.4)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W23-2

ROAD TO BE OILED NEXT WEEK SIGN

The Road To Be Oiled Next Week Sign (W23-2) may be used to give public notice to road users so that they may plan their proposed travel paths accordingly. The word "TOMORROW", the day of the week or the date of the proposed oiling may be used instead of the term "NEXT WEEK".



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	130 (5.2)	150B (6B)	95 (3.8)	303 (12)	315 (12.6)	385 (15.4)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W23-3

END OF PROPOSED OILING SIGN

The End of Proposed Oiling Sign (W23-3) may be used to give public notice to road users so that they can plan their proposed travel paths accordingly. Its use should be restricted to locations following a Road To Be Oiled Next Week Sign (W23-2).



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	130 (5.2)	150B (6B)	95 (3.8)	271 (10.8)	347 (13.7)	216 (8.6)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

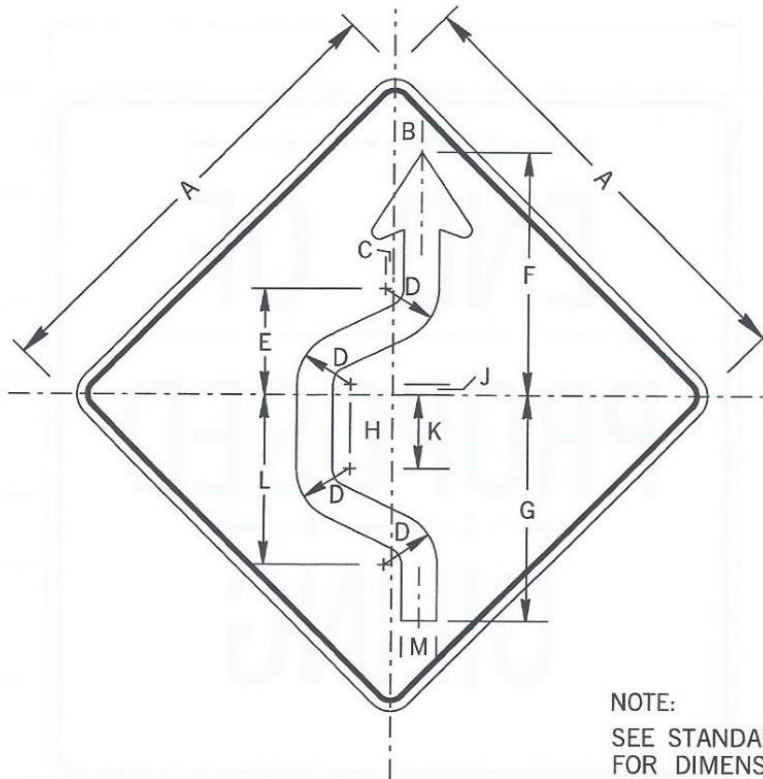
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W24-1L and W24-1R

SINGLE LANE DOUBLE REVERSE CURVE SIGN

The Single Lane Double Reverse Curve Sign (W24-1L and W24-1R) may be used when tangent distance between two reverse curves is less than 180 m (600'), thus making it difficult to install a second set of Reverse Curve Signs (W1-4).

The W24-1L sign has the first curve to the left and the W24-1R sign is the mirror image (first curve to the right).



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)														
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	50 (2)	10 (0.4)	90 (3.6)	178 (7.1)	405 (16.2)	375 (15)	70 (2.8)	20 (0.8)	127 (5.1)	285 (11.4)	60 (2.4)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	55 (2.2)	15 (0.6)	105 (4.2)	208 (8.3)	475 (19)	440 (17.6)	83 (3.3)	20 (0.8)	143 (5.7)	330 (13.2)	70 (2.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	80 (3.2)	20 (0.8)	150 (6)	295 (11.8)	678 (27.1)	628 (25.1)	118 (4.7)	25 (1)	205 (8.2)	475 (19)	100 (4)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

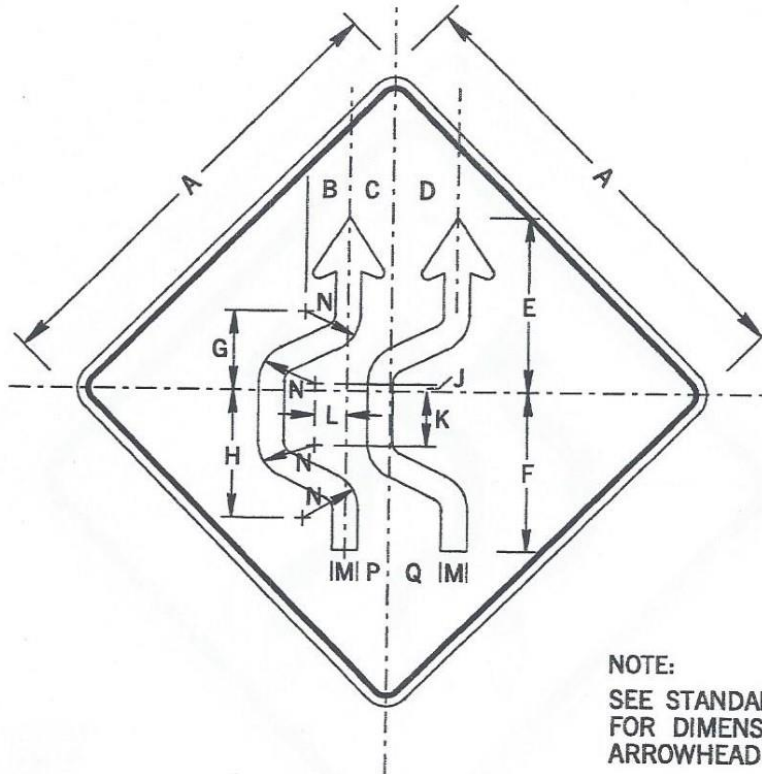
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W24-1AL and W24-1AR

TWO-LANE DOUBLE REVERSE CURVE SIGN

The Two-Lane Double Reverse Curve Sign (W24-1AL and W24-1AR) may be used when tangent distance between two reverse curves on a two-lane directional roadway is less than 180 m (600'), thus making it difficult to install a second set of Two-Lane Reverse Curve Signs (W1-4B).

The W24-1AL sign has the first curve to the left and the W24-1AR sign is the mirror image (first curve to the right).



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	P
750 x 750 (30" x 30")	38 (1.5)	72 (2.9)	105 (4.2)	285 (11.4)	260 (10.4)	125 (5)	200 (8)	15 (0.6)	90 (3.6)	85 (3.4)	50 (2)	63 (2.5)	47 (1.9)
900 x 900 (36" x 36")	45 (1.8)	85 (3.4)	125 (5)	340 (13.6)	312 (12.5)	145 (5.8)	230 (9.2)	15 (0.6)	100 (4)	95 (3.8)	60 (2.4)	75 (3)	55 (2.2)
1200 x 1200 (48" x 48")	65 (2.6)	115 (4.6)	170 (6.8)	455 (18.2)	415 (16.6)	208 (8.3)	333 (13.3)	18 (0.7)	143 (5.7)	140 (5.6)	80 (3.2)	105 (4.2)	75 (3)

DIMENSIONS - mm (IN)				
SIGN SIZE A x A	Q	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	80 (3.2)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	95 (3.8)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	130 (5.2)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

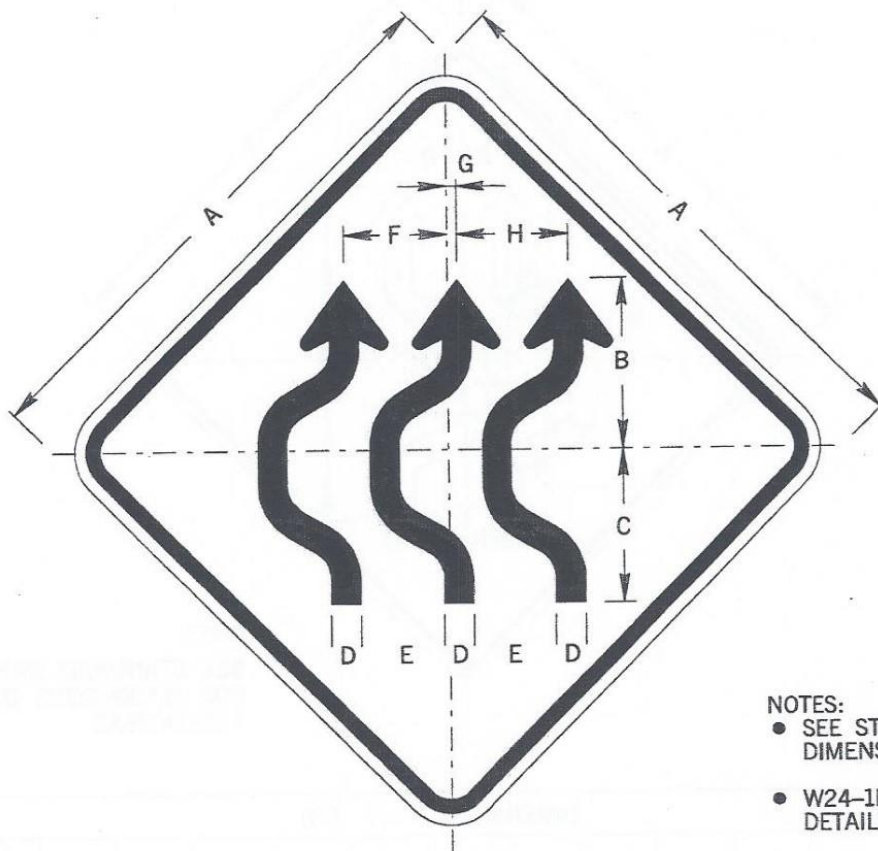
By: Alan C. Rowe Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W24-1BL and W24-1BR

THREE-LANE DOUBLE REVERSE CURVE SIGNS

The Three-Lane Double Reverse Curve Sign (W24-1BL and W24-1BR) may be used when tangent distance between two reverse curves on a three-lane directional roadway is less than 180 m (600 feet), thus making it difficult to install a second set of Reverse Curve Signs (W1-4) series.

The W24_1BL sign has the first curve to the left and the W24_1BR sign is the mirror image (first curve to the right).



- NOTES:
- SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.
 - W24-1BL SIGN IS SHOWN FOR DETAILING PURPOSES.

DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	230 (9.2)	205 (8.2)	40 (1.6)	118 (4.7)	138 (5.5)	13 (0.5)	150 (6.0)	15 (0.6)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	275 (11.0)	248 (9.9)	48 (1.9)	143 (5.7)	165 (6.6)	15 (0.6)	180 (7.2)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	368 (14.7)	330 (13.2)	63 (2.5)	188 (7.5)	220 (8.8)	20 (0.8)	243 (9.7)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

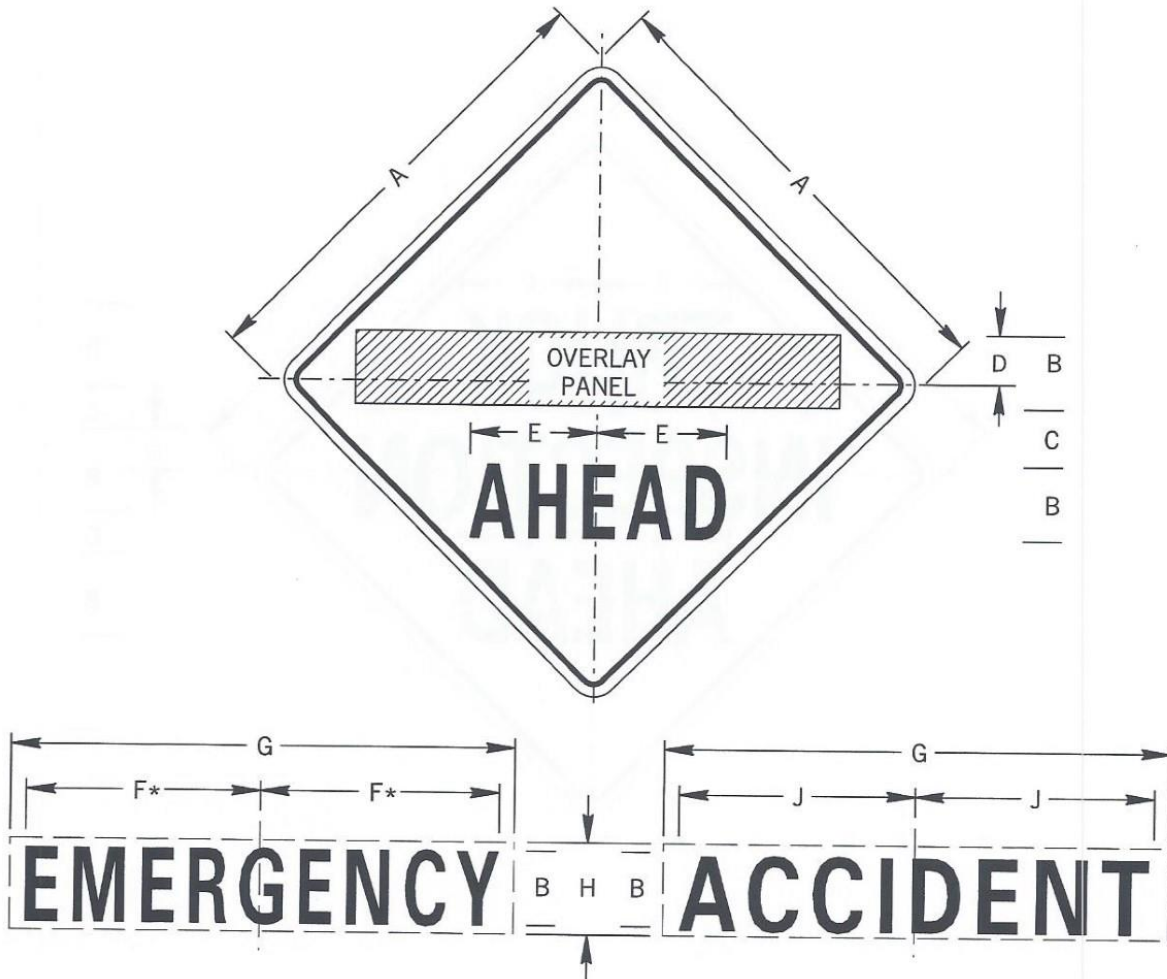
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W25-1

ACCIDENT / EMERGENCY AHEAD SIGN

The Accident/Emergency Ahead Sign (W25-1) may be used as a temporary sign in advance of an accident/incident, including the clean-up phase. The sign may be used in lieu of a Work Area Ahead (W21-8) sign and should be removed as soon as the clean-up work is complete.



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	125D (5D)	75 (3)	85 (3.4)	277 (10.9)	464 (18.3)	950 (38)	160 (6.4)	400 (15.7)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	175D (7D)	100 (4)	105 (4.2)	388 (15.3)	652 (25.7)	1320 (52.8)	210 (8.4)	562 (22.1)	20 (0.8)	25 (1)

* REDUCE SPACING 25%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Row Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W25-2

TRUCK INSPECTION AHEAD SIGN

The Truck Inspection Ahead Sign (W25-2) may be used as a temporary sign in advance of a truck inspection location. The sign should be removed as soon as the truck inspection is complete.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150C (6C)	75 (3)	75 (3)	262 (10.3)	479 (18.9)	267 (10.6)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200C (8C)	90 (3.6)	100 (4)	350 (13.8)	641 (25.3)	356 (14)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W25-3

BUS INSPECTION AHEAD SIGN

The Bus Inspection Ahead Sign (W25-3) shall be used in advance of a bus inspection location. The sign should be removed as soon as bus inspection operations are complete.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	150C (6C)	75 (3)	75 (3)	157 (6.2)	479 (18.9)	267 (10.6)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	200C (8C)	90 (3.6)	100 (4)	210 (8.3)	641 (25.3)	356 (14)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

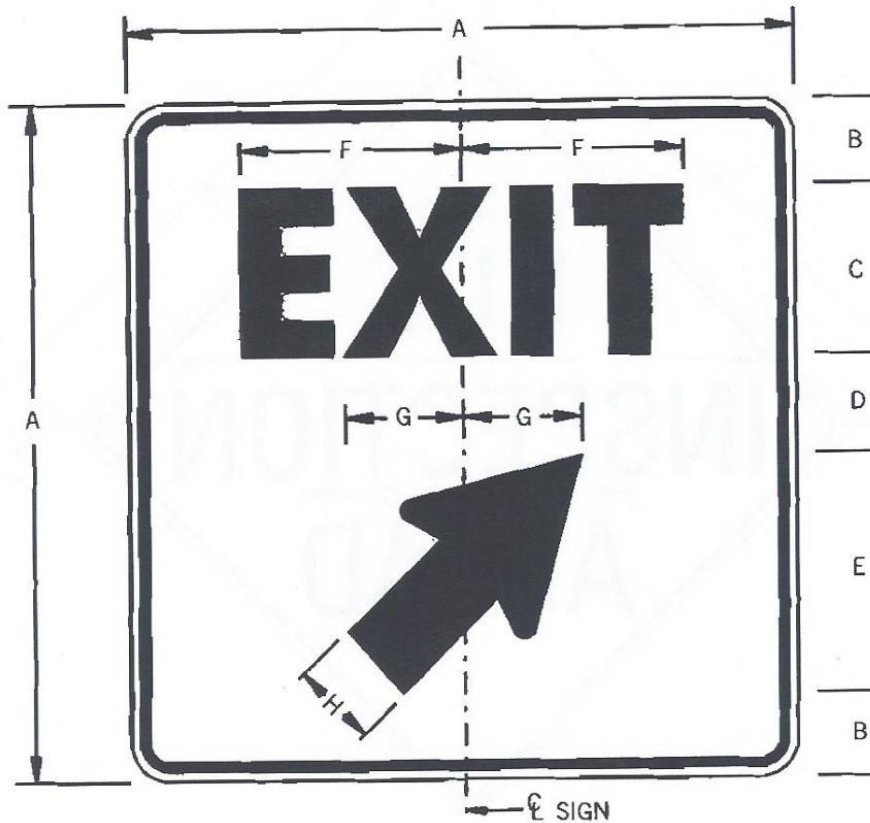
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	150 (6)	300D (12D)	175 (7.1)	425 (16.9)	398 (15.7)	213 (8.5)	130 (5.2)	15 (0.6)	20 (0.8)	—

COLOR:

LEGEND AND BORDER:
WHITE (NON-REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

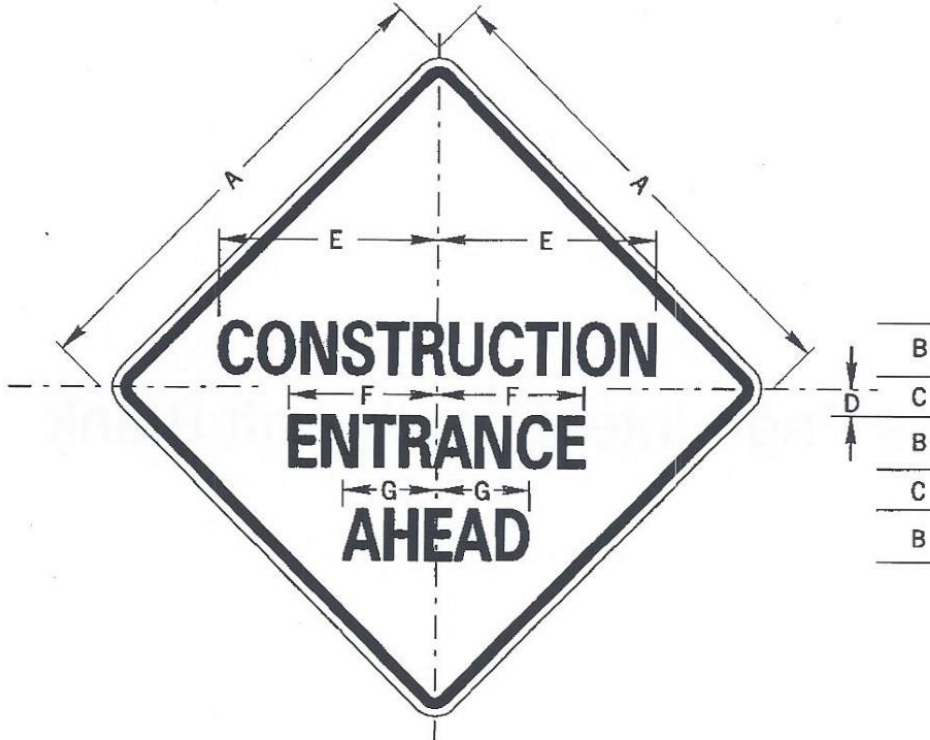
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: *C. Mark Celestino* : 2-1-10
for Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W25-5

CONSTRUCTION ENTRANCE AHEAD SIGN

The Construction Entrance Ahead Sign (W25-5) may be used in advance of a temporary construction entrance to warn motorists of slow moving vehicles entering or exiting the roadway.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 900 (36" x 36")	100C (4C)	75 (3)	50 (2)	415 (16.4)	281 (11.1)	178 (7.0)	15 (0.6)	20 (0.8)
1200 x 1200 (48" x 48")	150C (6C)	100 (4)	75 (3)	623 (24.5)	422 (16.6)	267 (10.5)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

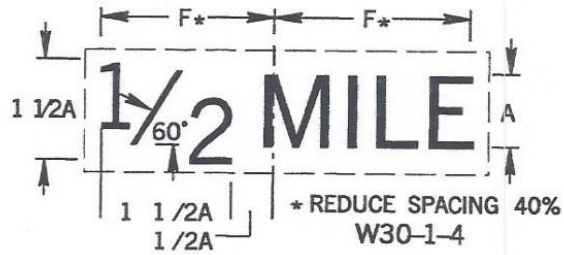
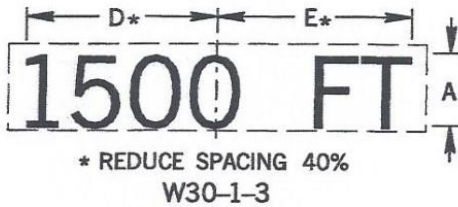
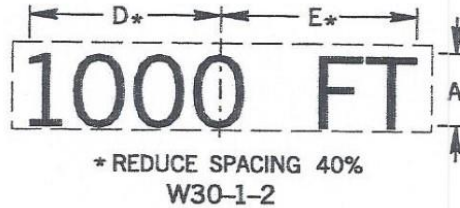
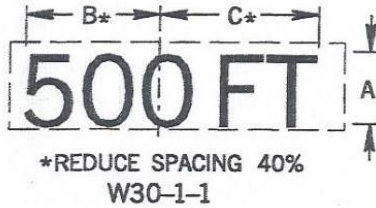
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: *John P. Amaglio* Date: 2-1-2017
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

W30-1

DISTANCE PANELS

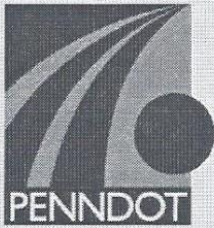
The Distance Panels (W30-1) shall be authorized for use to indicate distances to conditions warned of on those signs provided in this publication (relating to construction warning signs).



DIMENSIONS - mm (IN)							
A	B	C	D	E	F	G	H
100C (4C)	174 (6.9)	179 (7)	190 (7.5)	200 (7.9)	209 (8.3)	156 (6.2)	179 (7.1)
125C (5C)	217 (8.6)	224 (8.8)	236 (9.3)	251 (9.9)	261 (10.3)	195 (7.7)	223 (8.8)
150C (6C)	260 (10.4)	267 (10.5)	283 (11.2)	300 (11.9)	313 (12.4)	234 (9.3)	267 (10.6)
175C (7C)	305 (12.1)	311 (12.2)	330 (13)	349 (13.8)	366 (14.5)	273 (10.8)	312 (12.3)
200C (8C)	348 (13.8)	356 (14)	376 (14.8)	400 (15.8)	418 (16.6)	313 (12.3)	356 (14)
100D (4D)	205 (8.1)	210 (8.3)	217 (8.5)	240 (9.5)	229 (9.1)	180 (7.1)	222 (8.7)
125D (5D)	255 (10)	263 (10.4)	276 (10.9)	295 (11.6)	287 (11.3)	225 (8.9)	277 (10.9)
150D (6D)	307 (12.1)	315 (12.5)	331 (13.1)	355 (14)	344 (13.7)	270 (10.8)	332 (13)
175D (7D)	360 (14.2)	368 (14.7)	390 (15.4)	412 (16.2)	402 (15.9)	315 (12.4)	388 (15.3)
200D (8D)	412 (16.2)	420 (16.6)	446 (17.6)	470 (18.5)	459 (18.2)	361 (14.2)	444 (17.5)

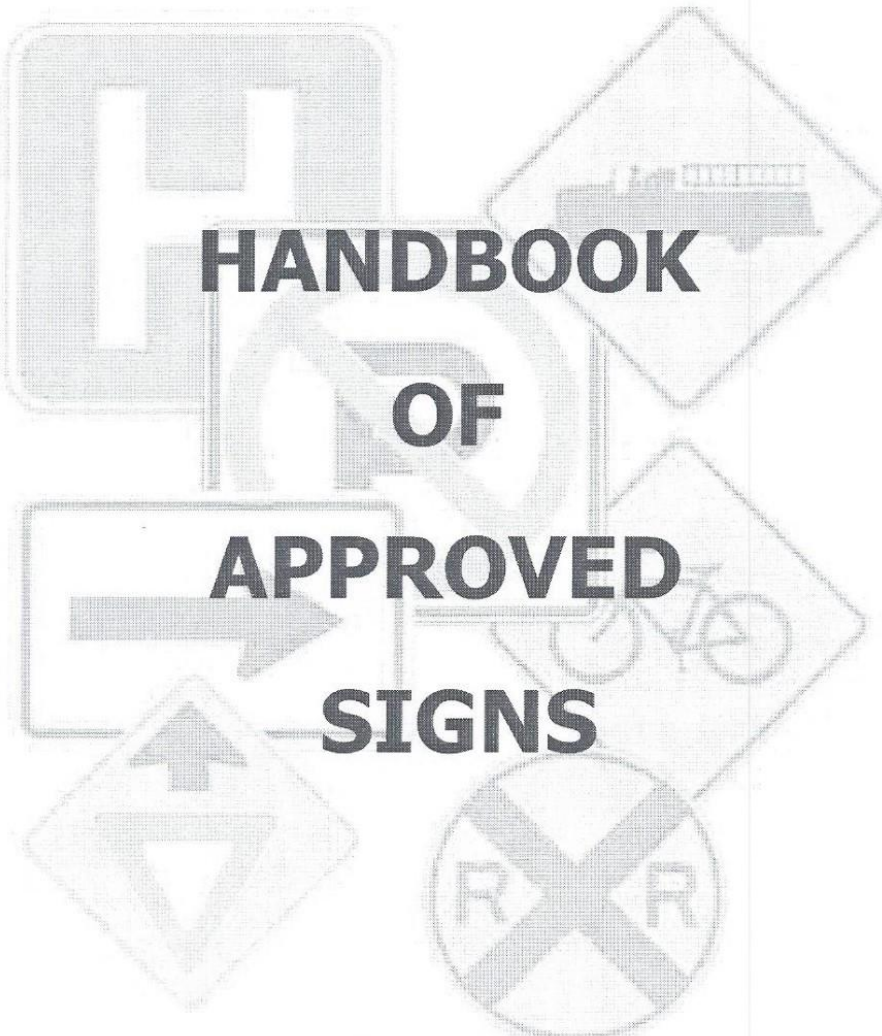
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: Allen C. Rowe Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

Bureau of Highway Safety & Traffic Engineering



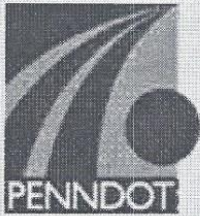
**HANDBOOK
OF
APPROVED
SIGNS**

PART III

- G-Series - Construction and Maintenance Guide Signs
- M-Series - Route Markers and Auxiliary Markers
- D-Series - Destination and Distance Signs
- I-Series - Information Signs
- S-Series - School Signs
- OM-Series - Object Markers
- Standard Arrow

PUBLICATION 236M

PUB 236M (1-06)



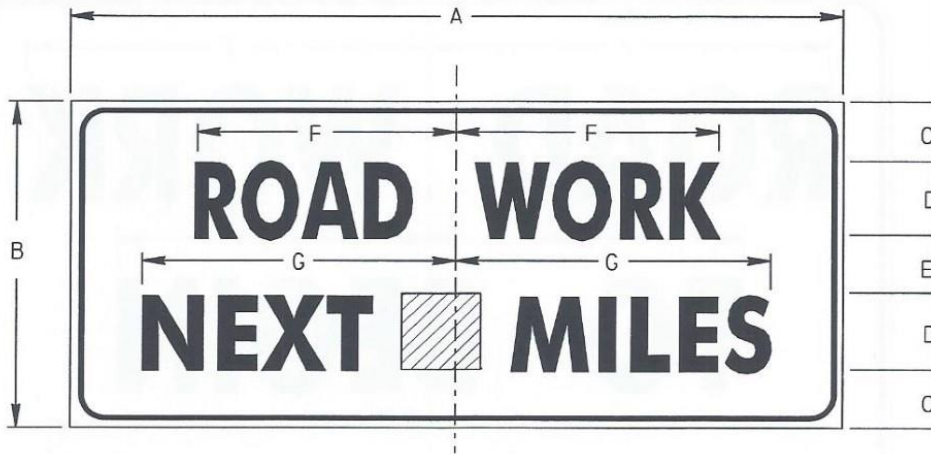
***Construction
And
Maintenance
Guide
Signs
(G-Series)***

Pub 236M
(1-06)

G20-1

LENGTH OF WORK SIGN

The Length of Work Sign (G20-1) shall be authorized for use at the beginning of any major road construction or maintenance job of more than 3.2 km (2 miles) in length, where traffic is maintained through the job.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER
1500 x 750 (60" x 30")	150 (6)	150C (6C)	150 (6)	518 (20.5)	597 (23.6)	15 (0.6)	20 (0.8)
1800 x 900 (72" x 36")	200 (8)	175C (7C)	150 (6)	606 (23.8)	697 (27.5)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-1-2

ROAD WORK TO BEGIN NEXT WEEK SIGN

The Road Work To Begin Next Week Sign (G20-1-2) may be used to alert drivers that a construction or maintenance activity will begin the following week.

When used the G20-1-2 sign may be placed at the beginning of the applicable section of the roadway on which the project or activity will take place.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
1200 x 900 (48" x 36")	125 (5)	150C (6C)	100 (4)	517 (20.5)	405 (16)	489 (19.3)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

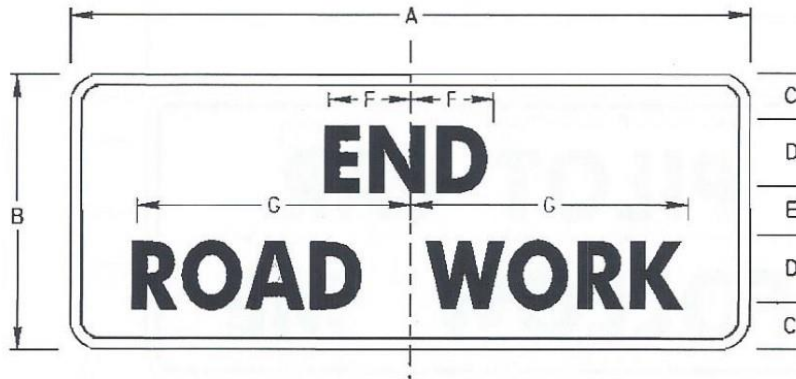
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-2

END ROAD WORK SIGN

The End Road Work Sign (G20-2) shall be authorized for use approximately 150 m (500') beyond the end of a major construction or maintenance job to indicate the limit of any restrictions or special precautions that have been imposed.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	
900 x 450 (36" x 18")	94 (3.8)	100C (4C)	62 (2.5)	100 (4)	332 (13.1)	10 (0.4)	10 (0.4)	
1500 x 600 (60" x 24")	100 (4)	150D (6D)	100 (4)	181 (7.1)	610 (24.1)	10 (0.4)	15 (0.6)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

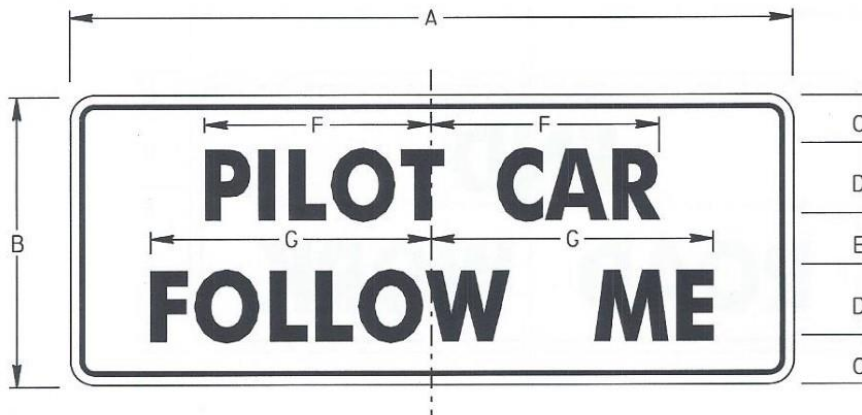
By : James P. Scraglia Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-4

PILOT CAR SIGN

(a) Justification. The Pilot Car Sign (G20-4) will be authorized for use on the back of a vehicle used for guiding one-way traffic through or around a road construction or maintenance project. It shall be used in conjunction with at least two flagmen.

(b) Placement. The G20-4 sign shall be mounted in a conspicuous position on the rear of pilot vehicle.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER
900 x 450 (36" x 18")	65 (2.6)	125C (5C)	70 (2.8)	358 (14.2)	399 (15.8)	10 (0.4)	15 (0.6)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

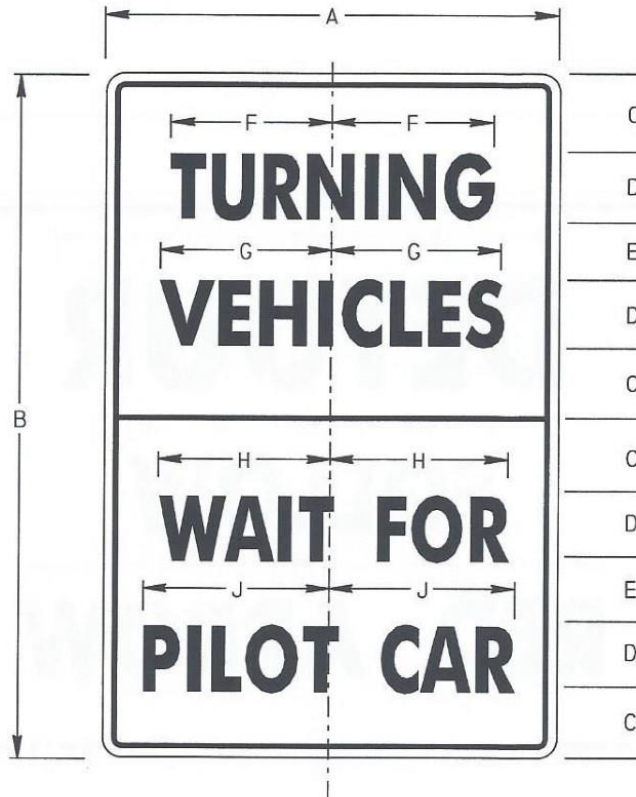
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-4-1

TURNING VEHICLES – WAIT FOR PILOT CAR SIGN

(a) Justification. The Turning Vehicles — Wait for Pilot Car Sign (G20-4-1) is authorized for use on side road approaches to a work area where a pilot car is being used.

(b) Placement. When used, the G20-4-1 sign shall be positioned in the vicinity of the stop sign, or if none, immediately in advance of the intersection and facing the traffic on the side road.



DIMENSIONS – mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER
900 x 1200 (36" x 48")	125 (5)	125C (5C)	100 (4)	291 (11.4)	327 (12.9)	327 (12.9)	365 (14.4)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

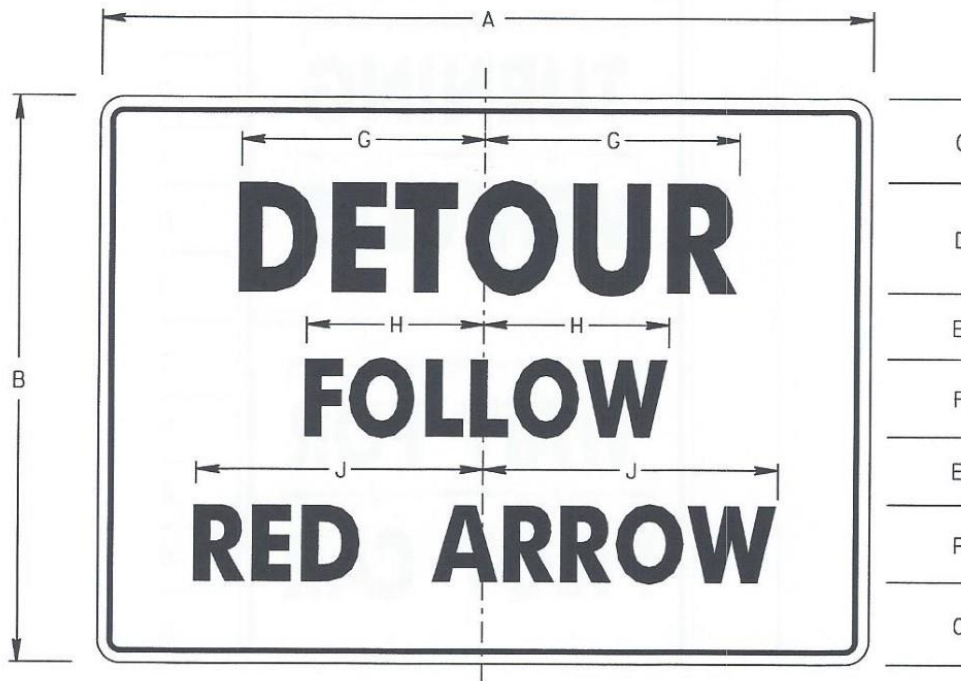
G20-6

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 an unnumbered highway and the Red Arrow (G20-6-1) is used to mark the detour. The Red Arrow (G20-6-1) shall be mounted next to the word "FOLLOW" 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 - Local Traffic Only Sign (R11-3A).



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 750 (48" x 30")	115 (4.6)	150D (6D)	85 (3.4)	100D (4D)	377 (14.8)	259 (10.3)	402 (15.9)	15 (0.6)	20 (0.8)	B5-1200750 (B5-4830)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

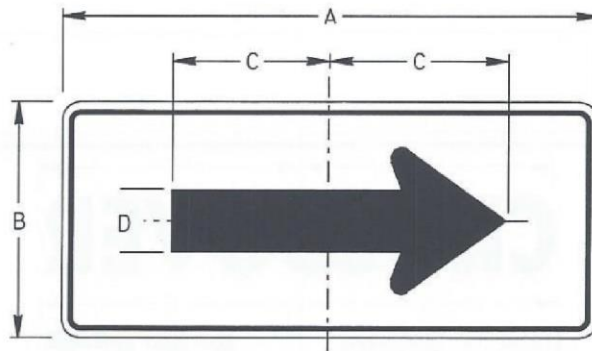
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 next to the word "FOLLOW" and indicate the direction of the detour.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	200 (8)	70 (2.8)	10 (0.4)	10 (0.4)	B5-600300 (B5-2412)

COLOR:

ARROW AND BORDER:
RED (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

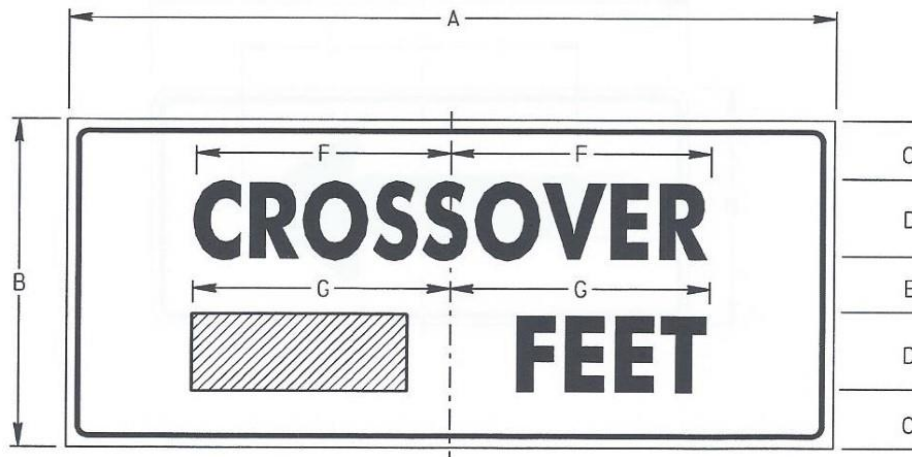
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-15

CROSSOVER ___ FEET SIGN

The Crossover ___ Feet Sign (G20-15) may be used in work areas to advise drivers of median crossovers. The sign should be installed approximately 150 m (500') to 300 m (1000') in advance of the crossover.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER
1800 x 900 (72" x 36")	185 (7.4)	200C (8C)	130 (5.2)	644 (25.4)	601 (23.8)	10 (0.4)	15 (0.6)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-16

MAINTAIN SAFE DISTANCE BETWEEN VEHICLES SIGN

The Maintain Safe Distance Between Vehicles Sign (G20-16) may be used in construction zones where it may be necessary to alert motorists they may be approaching slow-moving or stopped traffic. The G20-16 should be placed in addition to the required advance warning signs in construction areas prone to high traffic volumes, significant delays, or long queues.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER
1500 x 1500 (60" x 60")	125 (5)	150E (6E)	533 (21)	297 (11.7)	555 (21.8)	508 (20)	551 (21.8)	20 (0.8)	25 (1)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

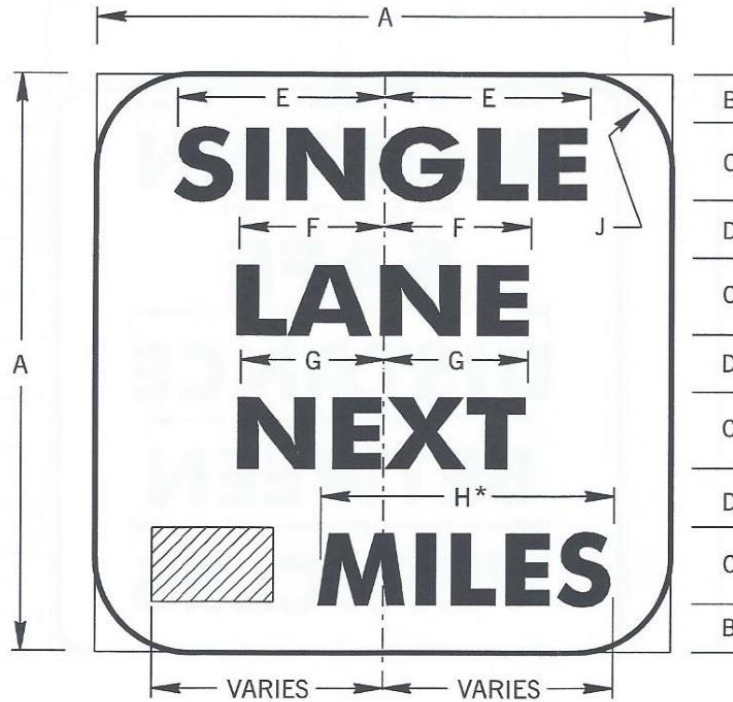
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G20-17

SINGLE LANE NEXT () MILES SIGN

The Single Lane Next () Miles Sign (G20-17) shall be authorized for use on any long term construction or maintenance project on a multilane highway when the project is greater than 1.6 km (1 mile) in length. The G20-17 sign shall be placed throughout the project where traffic is reduced to a single lane in one or both directions.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	BOR- DER
1500 x 1500 (60" x 60")	125 (5)	200E(M) {8E(M)}	150 (6)	537 (21.2)	386 (15.2)	379 (14.9)	781 (30.8)	225 (9)	25 (1)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

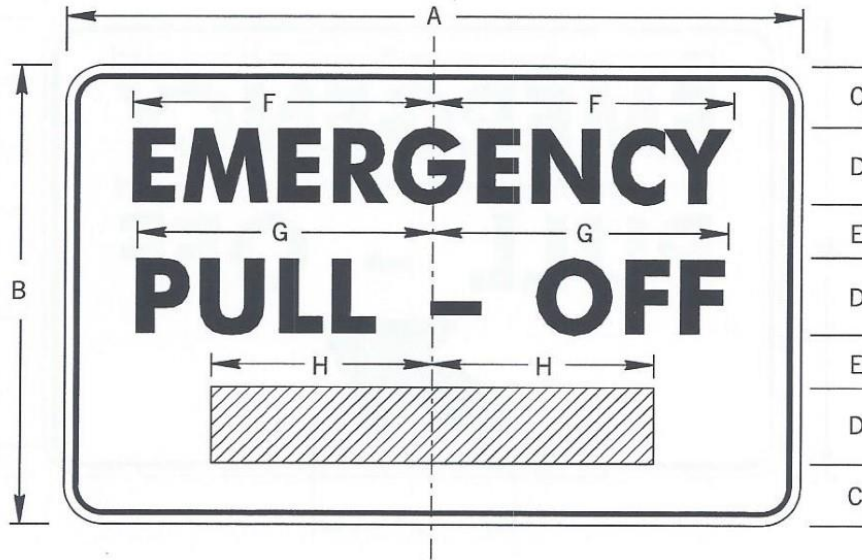
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G30-1

EMERGENCY PULL-OFF (_) SIGN

The Emergency Pull-Off (___) Sign (G30-1) may be used in a work area to advise drivers of the location of emergency pull-offs. This sign should be installed approximately 400 m (1300') in advance of the pull-off. The actual distance, based on field conditions, should be shown on the sign.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER
2400 x 1500 (96" x 60")	200 (8)	250D (10D)	175 (7)	980 (38.7)	962 (38.1)	VAR.	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

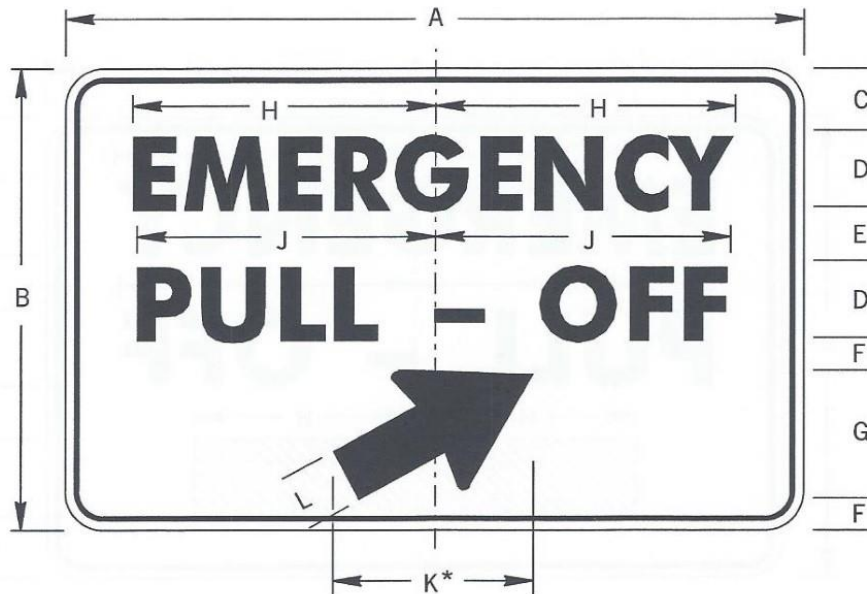
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G30-2

EMERGENCY PULL-OFF ENTRANCE SIGN

The Emergency Pull-Off Entrance Sign (G30-2) may be used in a work area to advise drivers of the location of emergency pull-offs. This sign should be installed approximately 15 m (50') in advance of the pull-off.



* OPTICALLY CENTER ARROW ABOUT VERTICLE \varnothing .

NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K*	L	MAR- GIN	BOR- DER
2400 x 1500 (96" x 60")	200 (8)	250D (10D)	175 (7)	105 (4.2)	415 (16.6)	980 (38.7)	962 (38.1)	VAR.	150 (6)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

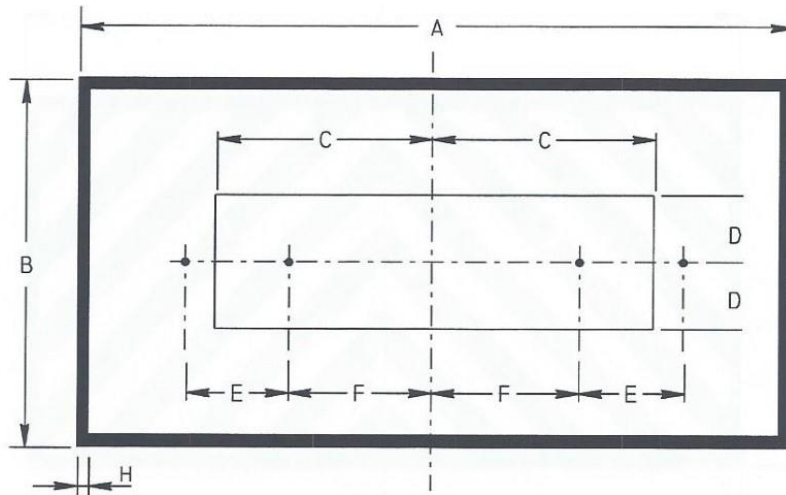
G40-1

TEMPORARY ARROW SIGN

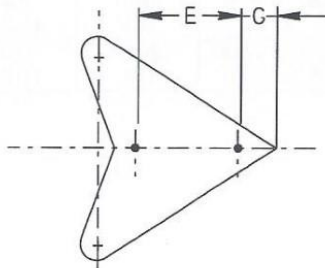
(a) Justification. The Temporary Arrow Sign (G40-1) may be used at construction, maintenance, and utility work areas on multilane highways to direct traffic around work areas within the roadway.

(b) Placement. The G40-1 sign may be erected on a Type III Barricade or, when used with the Striped Panel Sign (G40-2) may be mounted on a vehicle. The demountable arrowhead can be positioned to indicate the direction of traffic flow. The entire sign face shall be removed or covered while in transit.

(c) Size. The standard size G40-1 sign shall be 2400 mm by 1200 mm (96" x 48"), except the 1800 mm by 900 mm (72" x 36") size may be used when the sign is mounted on a pickup truck or similar size vehicle, or on a Type III Barricade.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	G	H
1800 x 900 (72" x 36")	535 (21.4)	115 (4.6)	225 (9)	350 (14)	150 (6)	30 (1.2)
2400 x 1200 (96" x 48")	710 (28.4)	155 (6.2)	300 (12)	475 (19)	200 (8)	30 (1.2)



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

COLOR:

BORDER AND ARROW:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

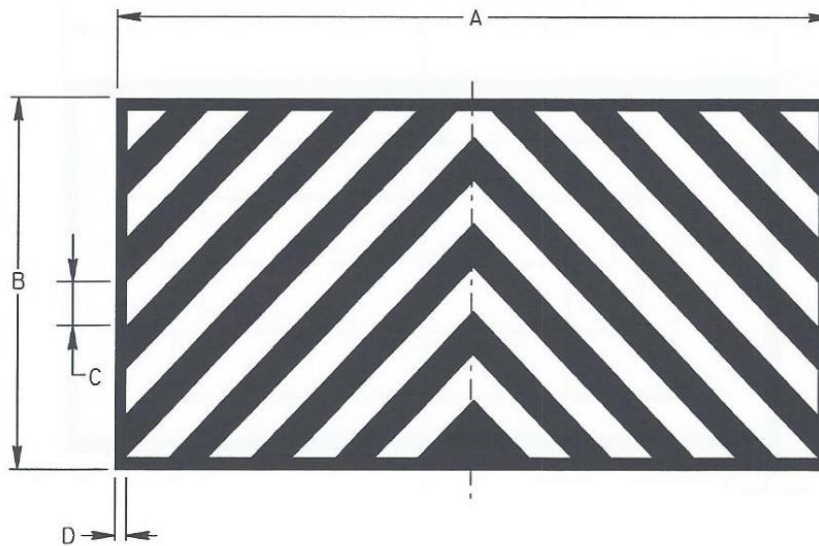
G40-2

STRIPED PANEL SIGN

(a) Justification. The Striped Panel Sign (G40-2) will be authorized for use on a vehicle when used in conjunction with the Temporary Arrow Sign (G40-1).

(b) Placement. The G40-2 sign shall be placed beneath the Temporary Arrow Sign (G40-1) when mounted on a vehicle.

(c) Size. The G40-2 sign shall be the same size as the G40-1 which is being used.



DIMENSIONS - mm (IN)		
SIGN SIZE A x B	C	D
1800 x 900 (72" x 36")	150 (6)	30 (1.2)
2400 x 1200 (96" x 48")	200 (8)	30 (1.2)

COLOR:

BORDER AND STRIPES:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

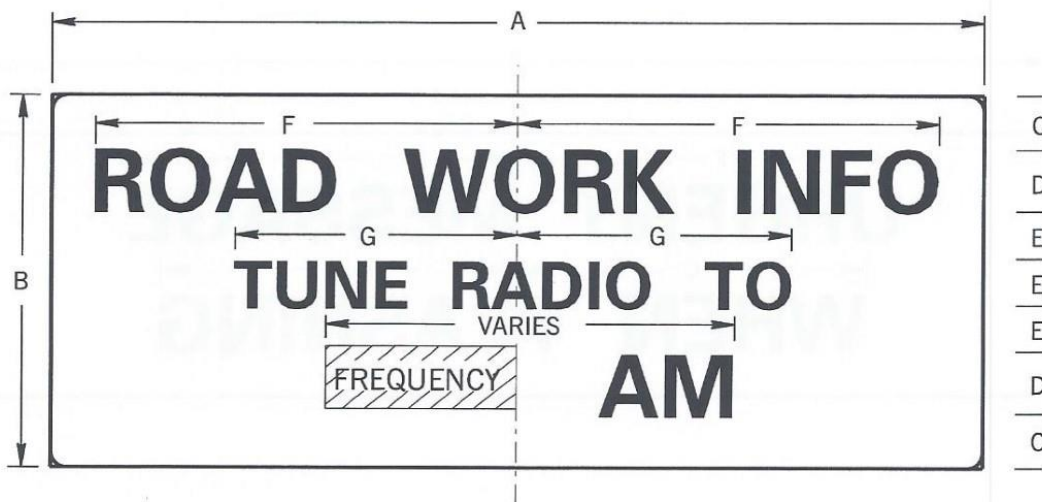
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G60-1

ROAD WORK INFO TUNE RADIO TO () AM

The Road Work Info Tune Radio To () AM Sign (G60-1) may be used in work areas to advise drivers to tune their radio to a specific radio station to receive information concerning the work area. The G60-1 sign shall be placed according to the field conditions where space permits.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	G	BOR- DER
3000 x 1200 (120" x 48")	175 (7)	200E (8E)	150E (6E)	1368 (54.0)	917 (36.3)	30 (1.2)
3300 x 1500 (132" x 60")	200 (8)	250E (10E)	200E (8E)	1556* (61.4)*	1223 (48.2)	30 (1.2)

* SPACING REDUCED 30%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

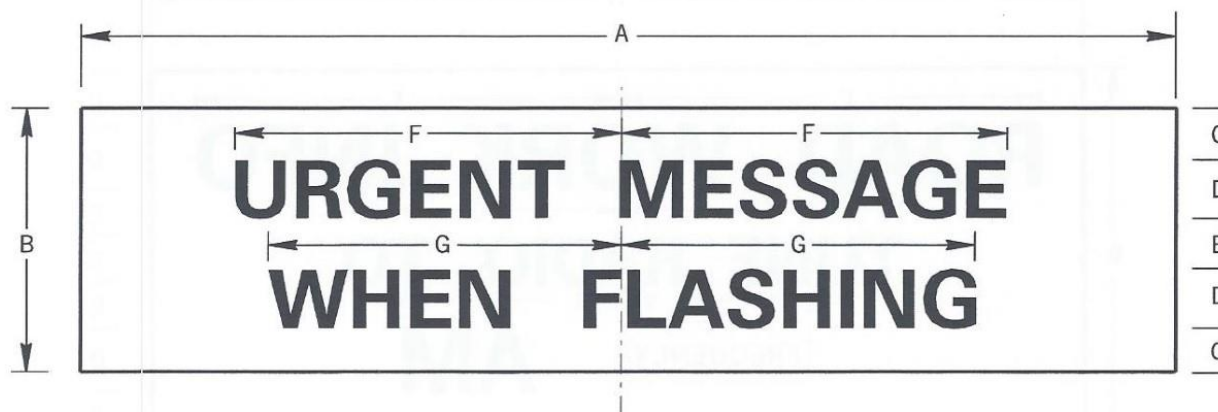
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

G60-1A

URGENT MESSAGE WHEN FLASHING SIGN

The Urgent Message When Flashing Sign (G60-1A) may be used in conjunction with the Road Work Info Tune Radio To () AM Sign (G60-1) and yellow flashing lights. The Urgent Message When Flashing Sign, (G60-1A) may be used to indicate when an urgent message is being transmitted over the highway advisory radio.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	G	BOR- DER
3000 x 600 (120" x 24")	100 (4)	150E (6E)	100 (4)	1064 (41.7)	947 (37.2)	30 (1.2)
3300 x 900 (132" x 36")	175 (7)	200E (8E)	150 (6)	1411 (55.6)	1256 (49.5)	30 (1.2)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

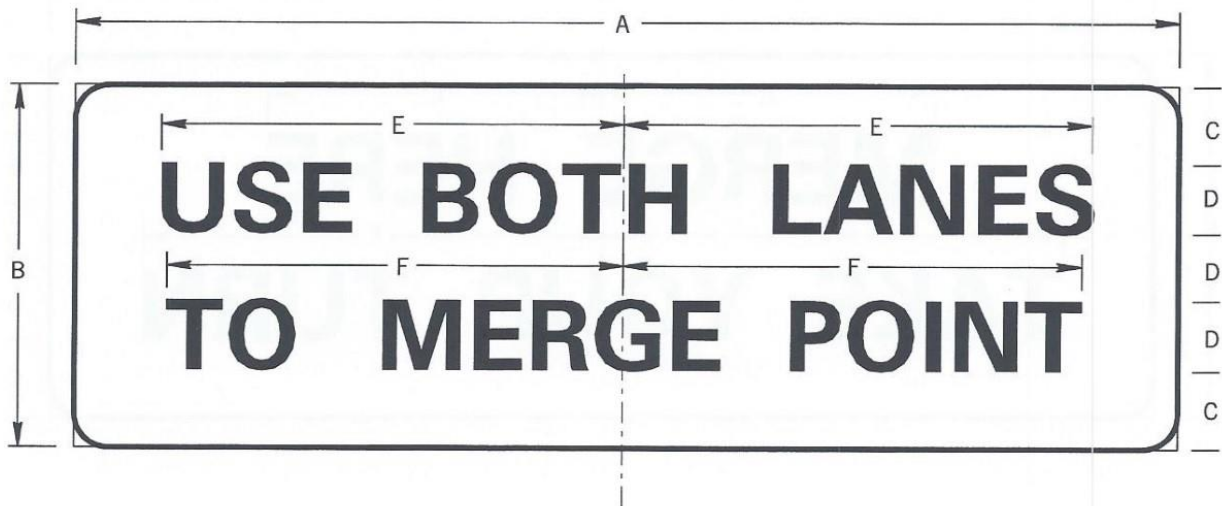
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)					
SIGN SIZE A x B	C	D	E	F	BOR- DER
3300 x 1050 (132" x 42")	225 (9)	200E (8E)	1360 (53.7)	1310 (51.7)	30 (1.2)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

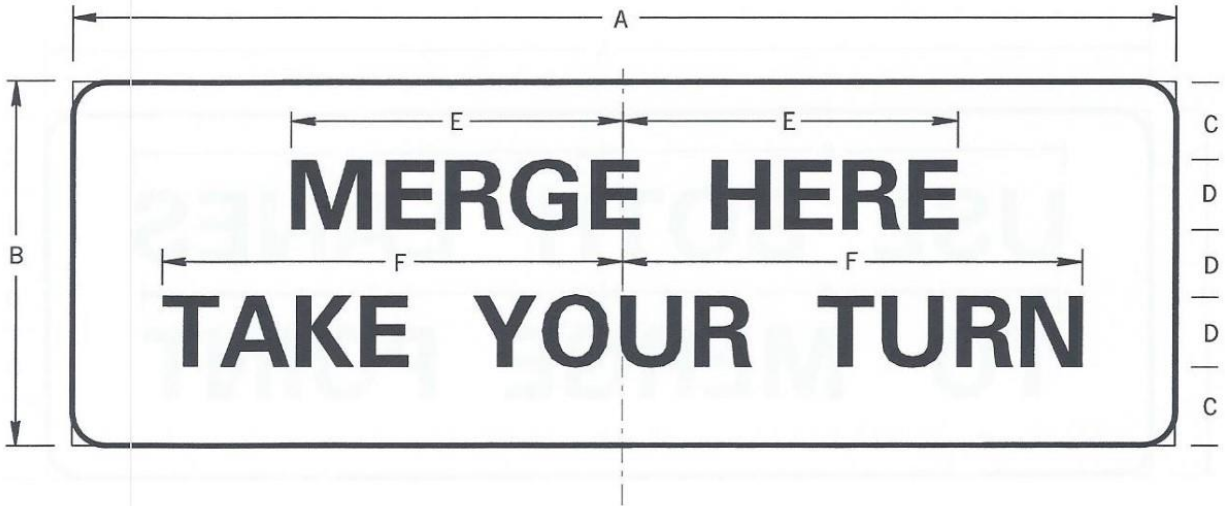
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 - mm (IN)					
SIGN SIZE A x B	C	D	E	F	BOR- DER
3300 x 1050 (132" x 42")	225 (9)	200E (8E)	983 (38.7)	1368 (54.1)	30 (1.2)

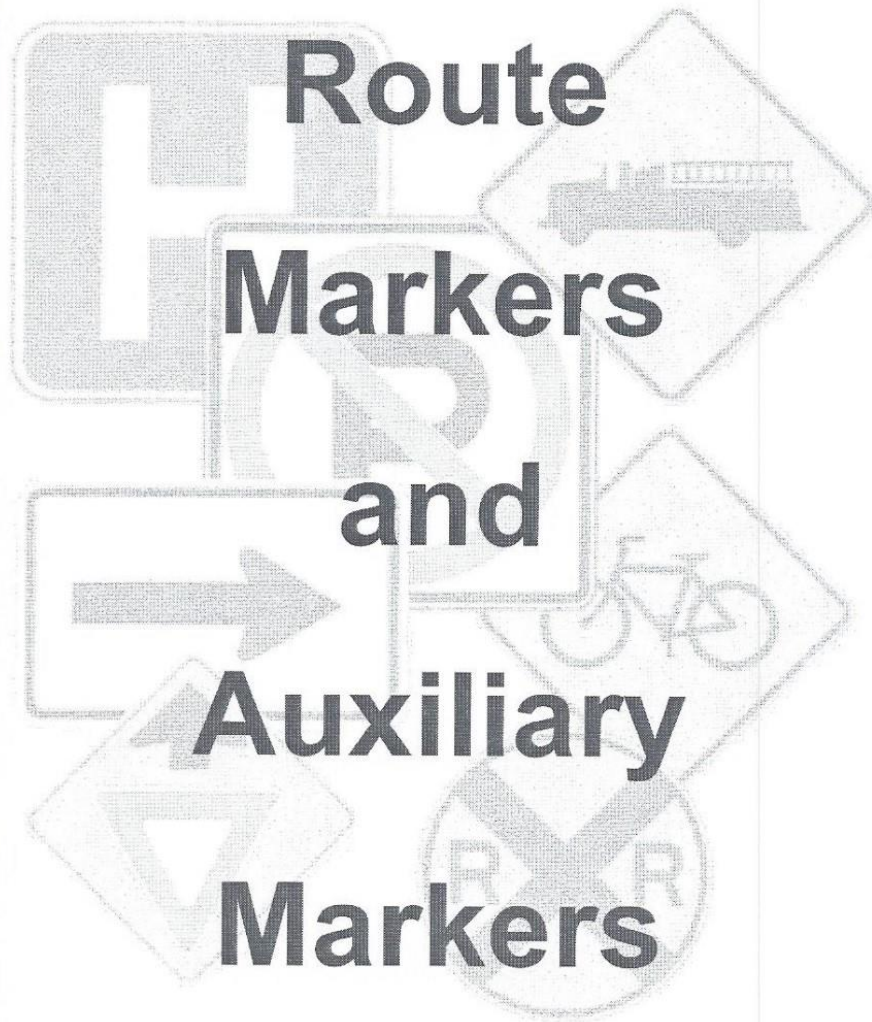
COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



**Route
Markers
and
Auxiliary
Markers**

(M-Series)

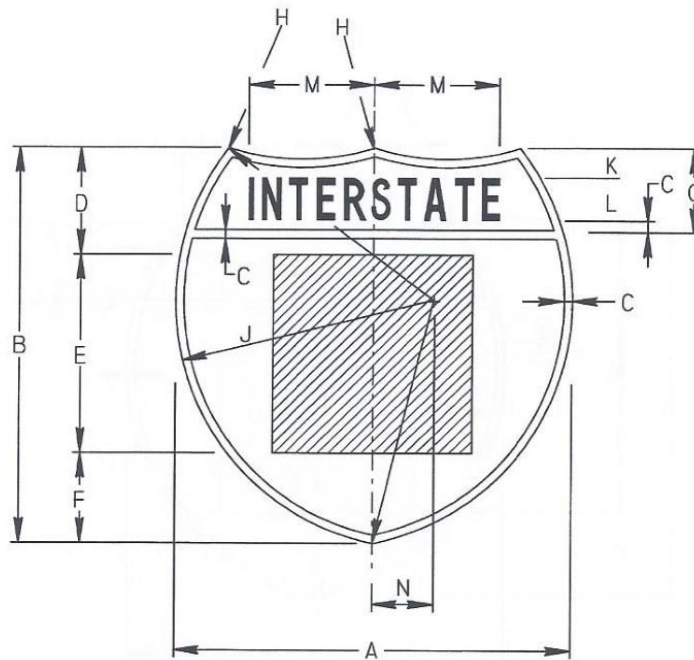
Pub 236M
(1-06)

M1-1

INTERSTATE ROUTE MARKER

The Interstate Route Marker (M1-1) shall be authorized for use to mark Interstate routes, intersecting highways approaching an interchange with an Interstate route and trailblazing to an Interstate.

The 900 mm by 900 mm (36" x 36") size for one and two digit route numbers and the 1125 mm by 900 mm (45" x 36") size for three digit route numbers shall be used on the Interstate route. The 600 mm by 600 mm (24" x 24") size for one and two digit route numbers and the 750 mm by 600 mm (30" x 24") size for three digit route numbers shall be reserved for use on conventional highways.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	BLANK STD.
600 x 600 (24" x 24")	10 (0.4)	160 (6.4)	300D (12D)	140 (5.6)	125 (5)	381 (15.0)	381 (15.0)	55 (2.2)	60C (2.4C)	191 (7.5)	81 (3.0)	B6-600 (B6-24)
750 x 600 (30" x 24")	10 (0.4)	160 (6.4)	300D (12D)	140 (5.6)	125 (5)	609 (24.0)	431 (17.0)	55 (2.2)	60C (2.4C)	191 (7.5)	56 (2.0)	B6-750600 (B6-3024)
900 x 900 (36" x 36")	20 (0.8)	245 (9.8)	450D (18D)	205 (8.2)	190 (7.6)	571 (22.5)	571 (22.5)	75 (3)	95C (3.8C)	302 (11.9)	121 (4.5)	B6-900 (B6-36)
1125 x 900 (45" x 36")	20 (0.8)	245 (9.8)	450D (18D)	205 (8.2)	190 (7.6)	914 (36.0)	647 (25.5)	75 (3)	95C (3.8C)	302 (11.9)	85 (3.0)	B6-1125900 (B6-4536)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
TOP - RED (REFLECTORIZED)
BOTTOM - BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

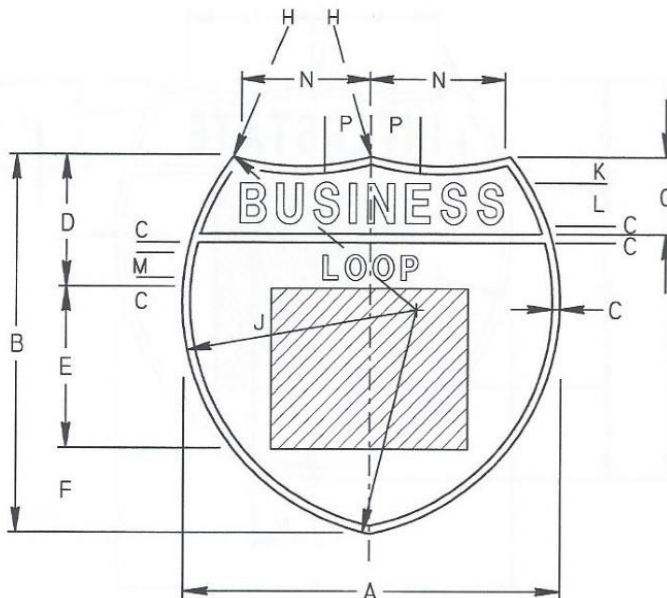
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-2

INTERSTATE BUSINESS LOOP SIGN

The Interstate Business Loop Sign (M1-2) shall be authorized for use to mark Interstate business loop routes and intersecting highways approaching an interchange with an Interstate business loop.

On an Interstate business loop, the 900 mm by 900 mm (36" x 36") size shall be used for one and two digit route numbers; three digit route numbers shall utilize the 1125 mm by 900 mm (45" x 36") size marker. On intersecting highways approaching an Interstate business loop, the 600 mm by 600 mm (24" x 24") size may be used for one and two digit route numbers; three digit route numbers may utilize the 750 mm by 600 mm (30" x 24") size marker.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	BLANK STD.
600 x 600 (24" x 24")	10 (0.4)	200 (8)	250D (10D)	150 (6)	135 (5.4)	381 (15.0)	381 (15.0)	65 (2.6)	60C (2.4C)	35D (1.4D)	162 (6.4)	59 (2.3)	B6-600 (B6-24)
750 x 600 (30" x 24")	10 (0.4)	200 (8)	250D (10D)	150 (6)	135 (5.4)	609 (24.0)	431 (17.0)	65 (2.6)	60C (2.4C)	35D (1.4D)	162 (6.4)	59 (2.3)	B6-750600 (B6-3024)
900 x 900 (36" x 36")	20 (0.8)	300 (12)	375D (15D)	225 (9)	185 (7.4)	571 (22.5)	571 (22.5)	70 (2.8)	95C (3.8C)	55D (2.2D)	257 (10.1)	92 (3.7)	B6-900 (B6-36)
1125 x 900 (45" x 36")	20 (0.8)	300 (12)	375D (15D)	225 (9)	185 (7.4)	914 (36.0)	647 (25.5)	70 (2.8)	95C (3.8C)	55D (2.2D)	257 (10.1)	92 (3.7)	B6-1125900 (B6-4536)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

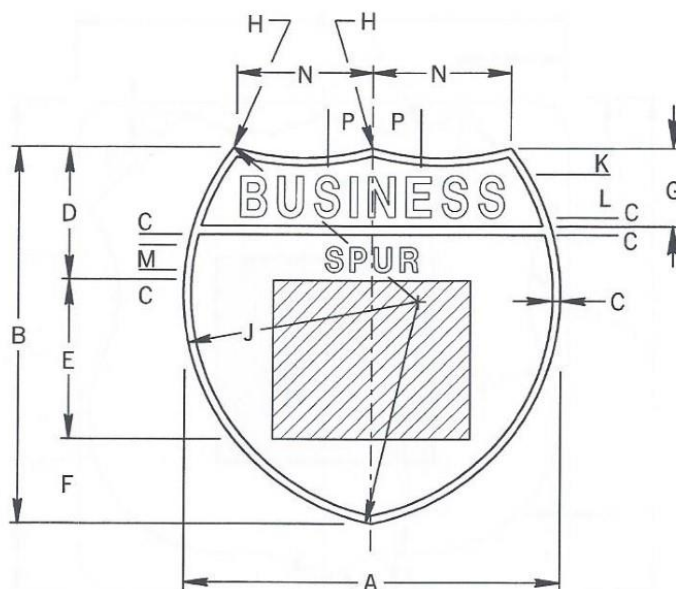
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-3

INTERSTATE BUSINESS SPUR SIGN

The Interstate Business Spur Sign (M1-3) shall be authorized for use to mark Interstate business spur routes and intersecting highways approaching an interchange with an Interstate business spur.

On an Interstate business spur, the 900 mm by 900 mm (36" x 36") size shall be used for one and two digit route numbers; three digit route numbers shall utilize the 1125 mm by 900 mm (45" x 36") size marker. On intersecting highways approaching an Interstate business spur, the 600 mm by 600 mm (24" x 24") size may be used for one and two digit route numbers; three digit route numbers may utilize the 750 mm by 600 mm (30" x 24") size marker.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	BLANK STD.
600 x 600 (24" x 24")	10 (0.4)	200 (8)	250D (10D)	150 (6)	135 (5.4)	381 (15.0)	381 (15.0)	65 (2.6)	60C (2.4C)	35D (1.4D)	162 (6.4)	60 (2.4)	B6-600 (B6-24)
750 x 600 (30" x 24")	10 (0.4)	200 (8)	250D (10D)	150 (6)	135 (5.4)	609 (24.0)	431 (17.0)	65 (2.6)	60C (2.4C)	35D (1.4D)	162 (6.4)	60 (2.4)	B6-750600 (B6-3024)
900 x 900 (36" x 36")	20 (0.8)	300 (12)	375D (15D)	225 (9)	185 (7.4)	571 (22.5)	571 (22.5)	70 (2.8)	95C (3.8C)	55D (2.2D)	257 (10.1)	95 (3.7)	B6-900 (B6-36)
1125 x 900 (45" x 36")	20 (0.8)	300 (12)	375D (15D)	225 (9)	185 (7.4)	914 (36.0)	647 (25.5)	70 (2.8)	95C (3.8C)	55D (2.2D)	257 (10.1)	95 (3.7)	B6-1125900 (B6-4536)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

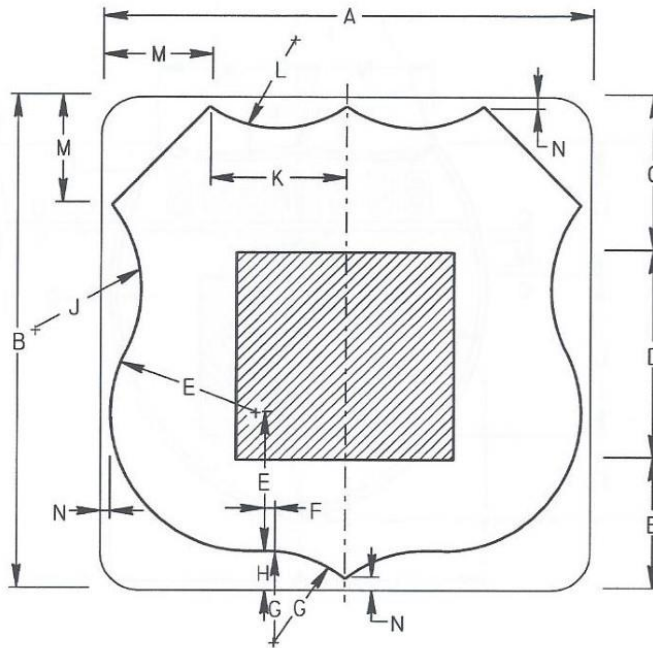
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-4

U.S. ROUTE MARKER

(a) Justification. The U.S. Route Marker (M1-4) shall be authorized for use to mark U.S. traffic routes.

(b) Size. The standard size of M1-4 shall be 600 mm by 600 mm (24" x 24") for one and two digit route numbers and 750 mm by 600 mm (30" x 24") for three digit route numbers. The 900 mm by 900 mm (36" x 36") size for one and two digit route numbers and the 1125 mm by 900 mm (45" x 36") size for three digit route numbers may be used on expressways and freeways.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	BLANK STD.
600 x 600 (24" x 24")	135 (5.4)	300D (12)	165 (6.6)	20 (0.8)	135 (5.4)	60 (2.4)	185 (7.4)	175 (7)	135 (5.4)	125 (5)	10 (0.4)	B3-600 (B3-24)
750 x 600 (30" x 24")	135 (5.4)	300D (12)	165 (6.6)	95 (3.8)	135 (5.4)	60 (2.4)	185 (7.4)	250 (10)	235 (9.4)	125 (5)	10 (0.4)	B5-750600 (B5-3024)
900 x 900 (36" x 36")	215 (8.6)	450D (18)	235 (9.4)	26 (1)	205 (8.2)	95 (3.8)	280 (11.2)	260 (10.4)	205 (8.2)	190 (7.6)	20 (0.8)	B3-900 (B3-36)
1125 x 900 (45" x 36")	215 (8.6)	450D (18)	235 (9.4)	139 (5.6)	205 (8.2)	95 (3.8)	280 (11.2)	372.5 (14.9)	355 (14.2)	190 (7.6)	20 (0.8)	B5-1125900 (B5-4536)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

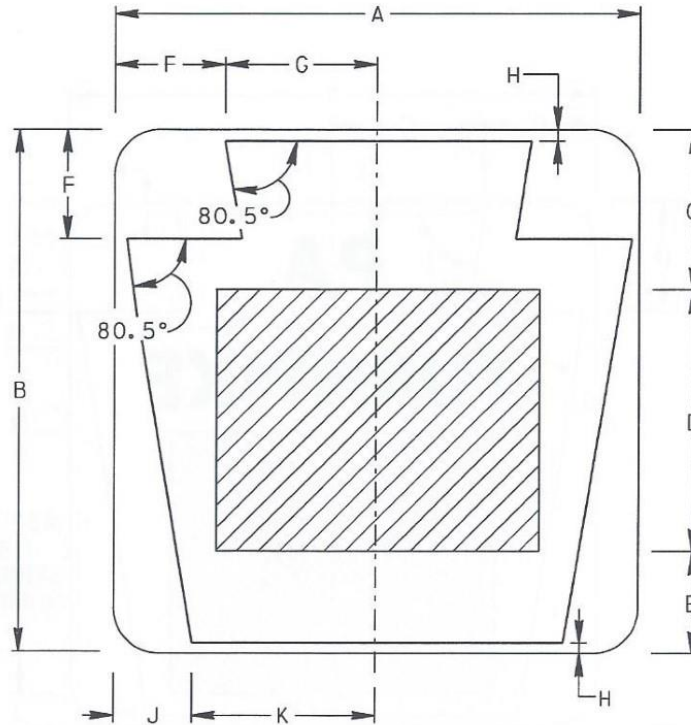
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-5

PENNSYLVANIA ROUTE MARKER

(a) Justification. The Pennsylvania Route Marker (M1-5) shall be authorized for use to mark Pennsylvania traffic routes.

(b) Size. The standard size of M1-5 shall be 600 mm by 600 mm (24" x 24") for one and two digit route numbers and 750 mm by 600 mm (30" x 24") for three digit route numbers. The 900 mm by 900 mm (36" x 36") size for one and two digit route numbers and the 1125 mm by 900 mm (45" x 36") size for three digit route numbers may be used on expressways and freeways.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	K	BLANK STD.
600 x 600 (24" x 24")	135 (5.4)	300D (12D)	165 (6.6)	125 (5)	175 (7)	25 (1)	90 (3.6)	210 (8.4)	B3-600 (B3-24)
750 x 600 (30" x 24")	135 (5.4)	300D (12D)	165 (6.6)	125 (5)	250 (10)	25 (1)	90 (3.6)	285 (11.4)	B5-750600 (B5-3024)
900 x 900 (36" x 36")	275 (11)	450D (18D)	175 (7)	190 (7.6)	260 (10.4)	35 (1.4)	130 (5.2)	320 (12.8)	B3-900 (B3-36)
1125 x 900 (45" x 36")	275 (11)	450D (18D)	175 (7)	187.5 (7.5)	375 (15)	35 (1.4)	130 (5.2)	432.5 (17.3)	B5-1125900 (B5-4536)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

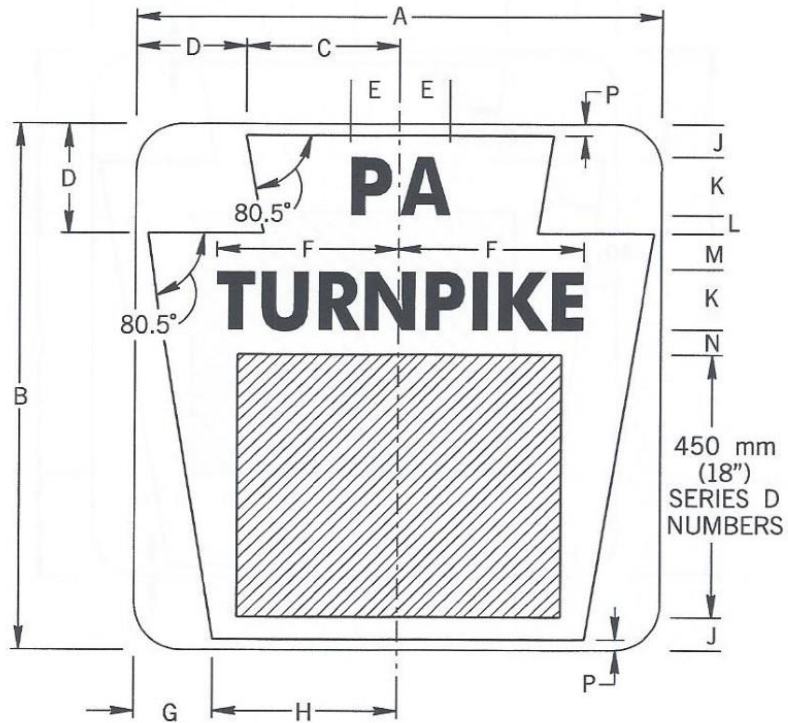
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 standard size shall be 900 mm by 900 mm (36" x 36") for one and two digit route numbers and 1125 by 900 mm (45" x 36") for three digit route numbers.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	BLANK STD.
900 x 900 (36" x 36")	260 (10.4)	190 (7.6)	86 (3.4)	320 (12.6)	130 (5.2)	320 (12.8)	56 (2.2)	100D (4D)	32 (1.3)	36 (1.5)	70 (2.8)	20 (0.8)	B3-900 (B3-36)
1125 x 900 (45" x 36")	372.5 (14.9)	190 (7.6)	86 (3.4)	320 (12.6)	130 (5.2)	432.5 (17.3)	56 (2.2)	100D (4D)	32 (1.3)	36 (1.5)	70 (2.8)	20 (0.8)	B5-1125900 (B5-4536)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

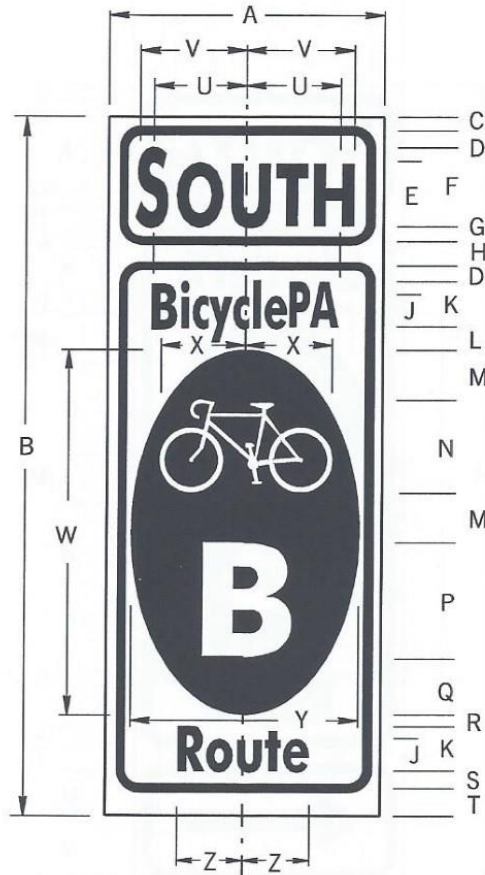
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-8

BicyclePA ROUTE MARKER

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

The M1-8 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 - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
300 x 750 (12" x 30")	15 (0.6)	17 (0.7)	75C (3C)	88C (3.5C)	16 (0.6)	27 (1.1)	40C (1.6)	50C (2C)	25 (1)	55 (2.2)	102 (4.1)	125D (5D)	63 (2.5)	11 (0.4)

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	S	T	U	V	W	X	Y	Z	MAR- GIN	BOR- DER	BLANK STD.
300 x 750 (12" x 30")	19 (0.8)	15 (0.6)	121 (4.8)	126 (5.0)	400 (16)	96 (3.8)	250 (10)	72 (2.9)	10 (0.4)	10 (0.4)	—

COLOR:

LEGEND, BORDER
AND OVAL:

GREEN (REFLECTORIZED)

BACKGROUND, SYMBOL AND
ROUTE NUMBER:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

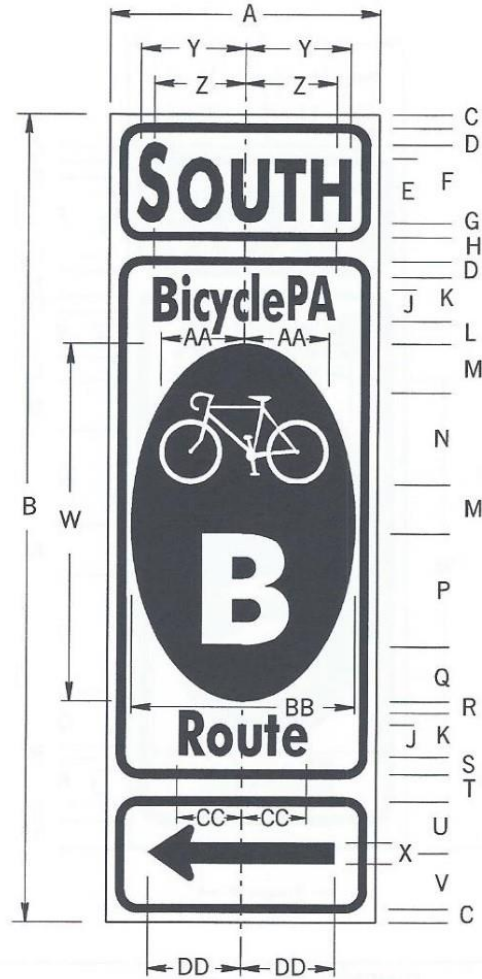
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-8A

BicyclePA ROUTE MARKER TURN ASSEMBLY

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

The M1-8A 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 - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
300 x 900 (12" x 36")	15 (0.6)	17 (0.7)	75C (3C)	88C (3.5C)	16 (0.6)	27 (1.1)	40C (1.6C)	50C (2C)	25 (1)	55 (2.2)	102 (4.1)	125D (5D)	63 (2.5)	11 (0.4)	19 (0.8)

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	T	U	V	W	X	Y	Z	AA	BB	CC	DD	MAR- GIN	BOR- DER	BLANK STD.	
300 x 900 (12" x 36")	30 (1.2)	58 (2.3)	62 (2.5)	400 (16)	23 (0.9)	126 (5.0)	121 (4.8)	96 (3.8)	250 (10)	72 (2.9)	105 (4.2)	10 (0.4)	10 (0.4)	B5-300900 (B5-1236)	

COLOR:

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

BACKGROUND, SYMBOL AND
ROUTE NUMBER:
WHITE (REFLECTORIZED)

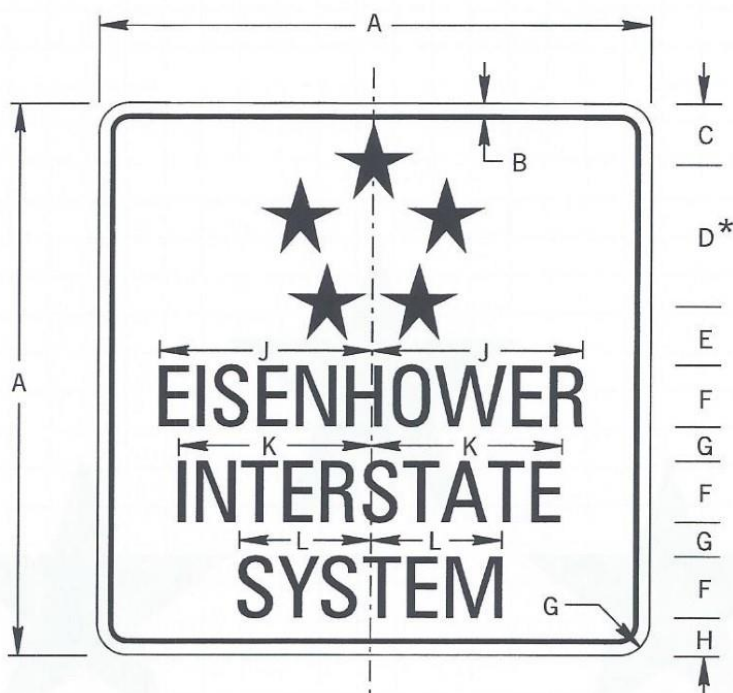
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-10

EISENHOWER INTERSTATE SYSTEM SIGN

The Eisenhower Interstate System Sign (M1-10) was approved by Congress on July 29, 1993 for use on all Interstate Highways. The M1-10 sign shall be installed at appropriate areas along the Interstate such as rest areas, welcome centers, and scenic overlooks.



* SEE PAGE 2 FOR STAR DETAIL.

DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L
900 x 900 (36" x 36")	19 (0.8)	100 (4)	231 (9.2)	94 (3.8)	100C (4C)	56 (2.25)	63 (2.5)	344 (13.7)	313 (12.6)	213 (8.5)

COLOR:

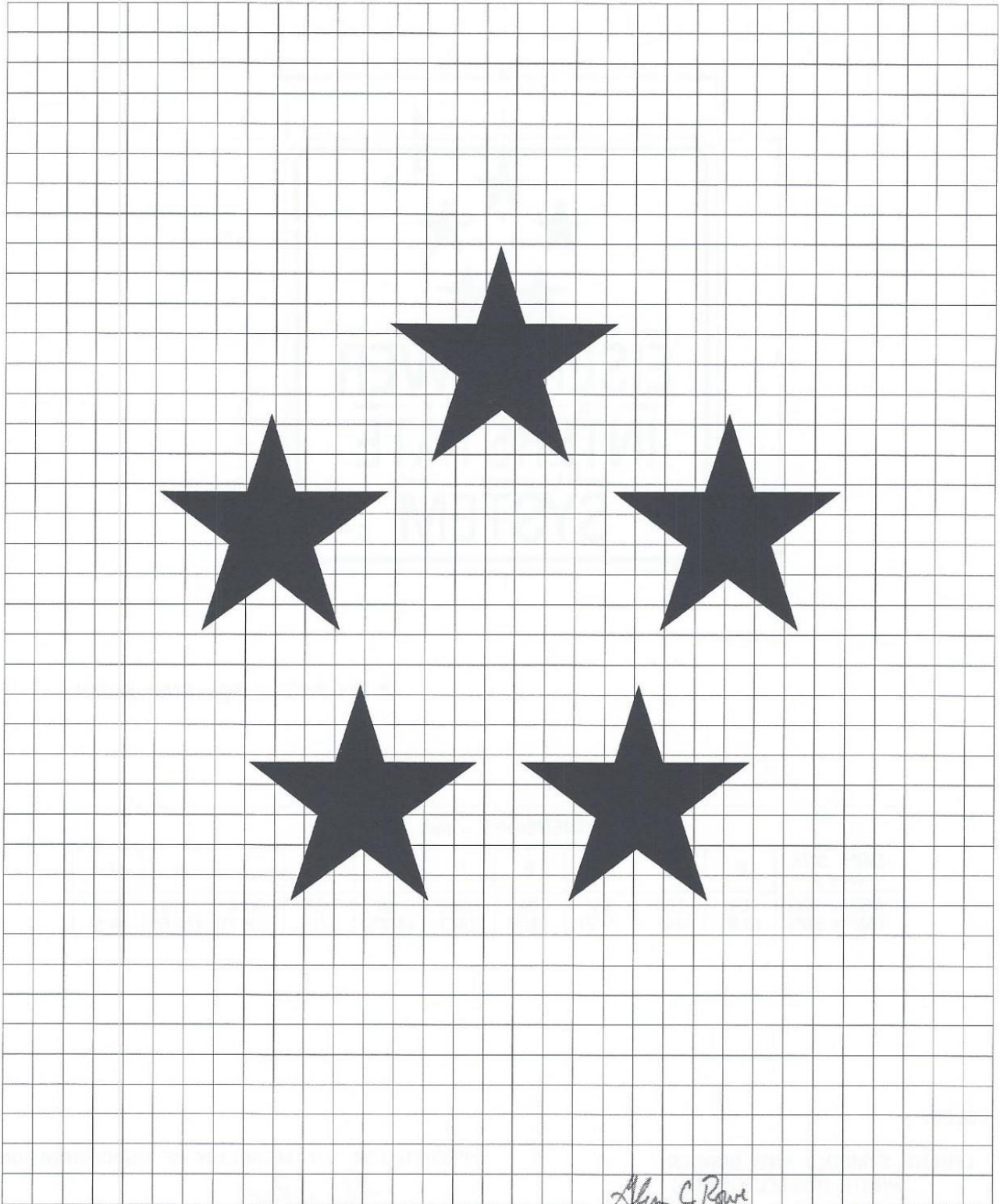
LEGEND, SYMBOLS AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M1-10 STAR DETAIL



Alan C. Rowe

01-03-06

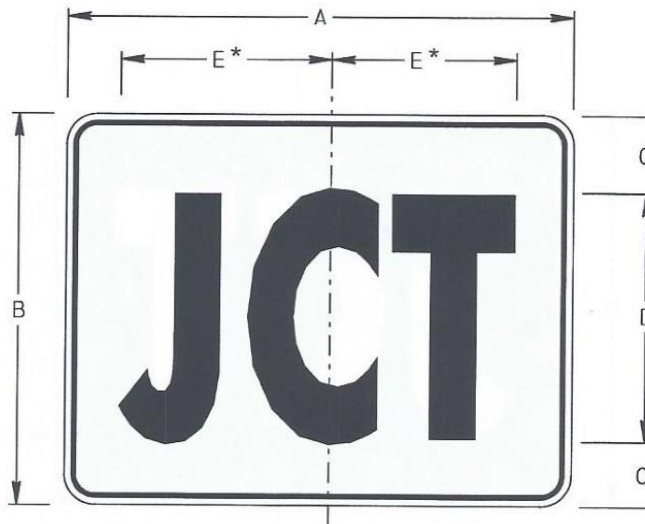
M2-1

JUNCTION MARKER

(a) Justification. The Junction Marker (M2-1) 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 M2-1 shall be placed above the route marker.

(c) Size. The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	75 (3)	225C (9C)	218 (8.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	100 (4)	250D (10D)	293 (11.5)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

* INCREASE SPACING 10%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTIVE)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

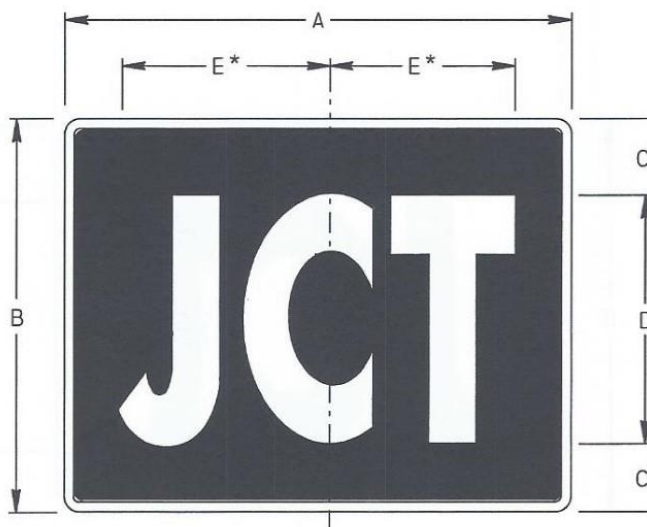
M2-1-1

INTERSTATE JUNCTION MARKER

The Interstate Junction Marker (M2-1-1) 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 M2-1-1 shall be placed above the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	75 (3)	225C (9C)	218 (8.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	100 (4)	250D (10D)	293 (11.5)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

* INCREASE SPACING 10%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

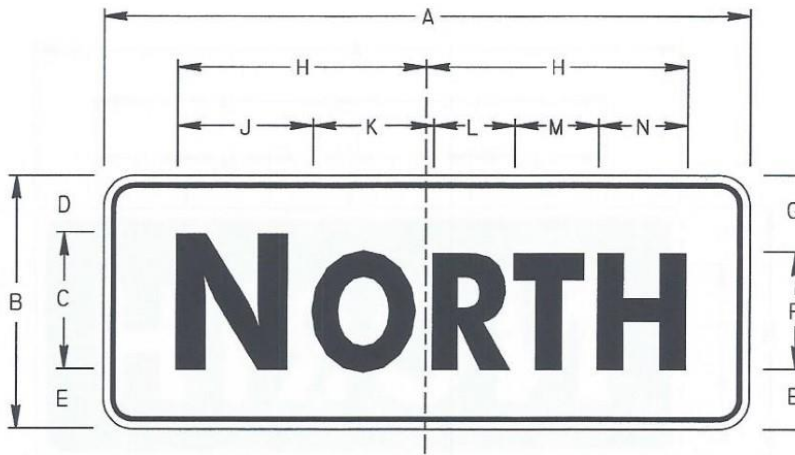
M3-1

NORTH MARKER

The North Marker (M3-1) 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 M3-1 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	243 (9.8)	114 (4.6)	104 (4.2)	96 (3.9)	89 (3.6)	83 (3.3)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	325 (12.7)	153 (5.8)	139 (5.5)	128 (5.1)	119 (4.7)	111 (4.4)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

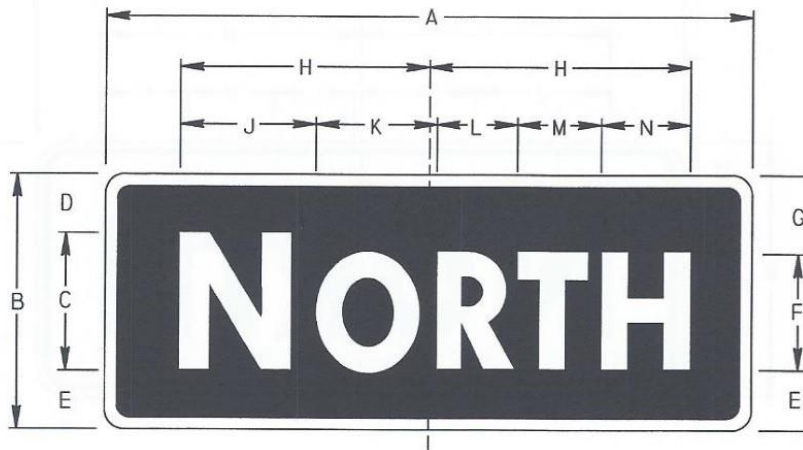
M3-1-1

INTERSTATE NORTH MARKER

The Interstate North Marker (M3-1-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate the general direction of the entire route.

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

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	243 (9.8)	114 (4.6)	104 (4.2)	96 (3.9)	89 (3.6)	83 (3.3)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	325 (12.7)	153 (5.8)	139 (5.5)	128 (5.1)	119 (4.7)	111 (4.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (NON-REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

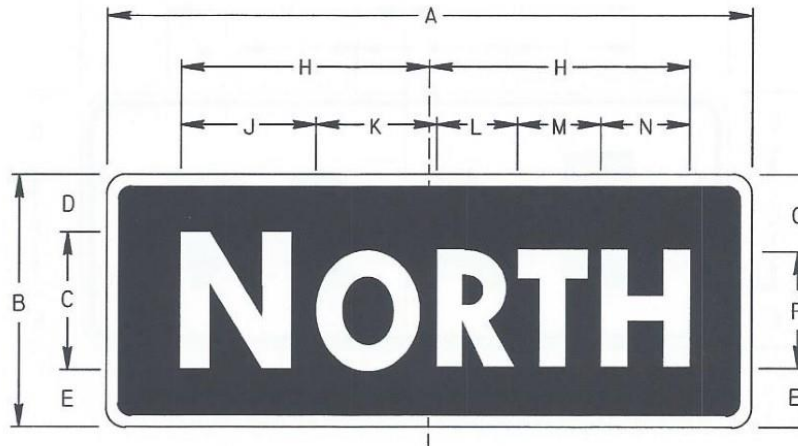
M3-1-2

INTERSTATE BUSINESS NORTH MARKER

The Interstate Business North Marker (M3-1-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2) to indicate the general direction of the entire route.

The M3-1-2 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	243 (9.8)	114 (4.6)	104 (4.2)	96 (3.9)	89 (3.6)	83 (3.3)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	325 (12.7)	153 (5.8)	139 (5.5)	128 (5.1)	119 (4.7)	111 (4.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

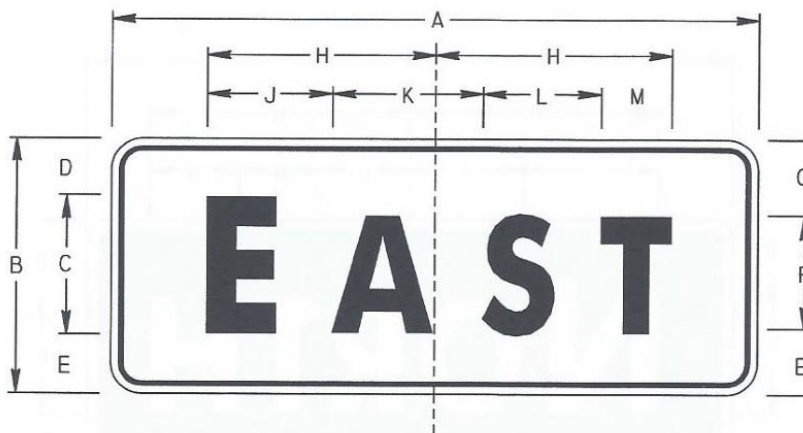
M3-2

EAST MARKER

The East Marker (M3-2) 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 M3-2 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.	
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	207 (8.2)	108 (4.2)	121 (4.8)	109 (4.3)	76 (3.0)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)	
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	274 (10.7)	140 (5.4)	161 (6.3)	145 (5.7)	102 (4.0)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

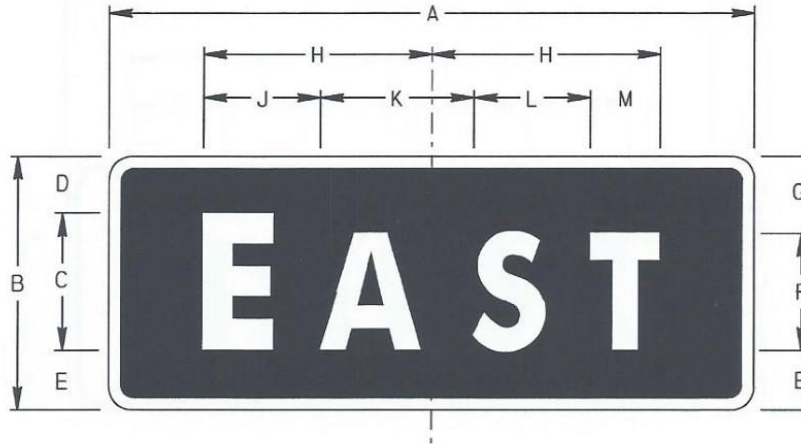
M3-2-1

INTERSTATE EAST MARKER

The Interstate East Marker (M3-2-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate the general direction of the entire route.

The M3-2-1 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	207 (8.2)	108 (4.2)	121 (4.8)	109 (4.3)	76 (3.0)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	274 (10.7)	140 (5.4)	161 (6.3)	145 (5.7)	102 (4.0)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

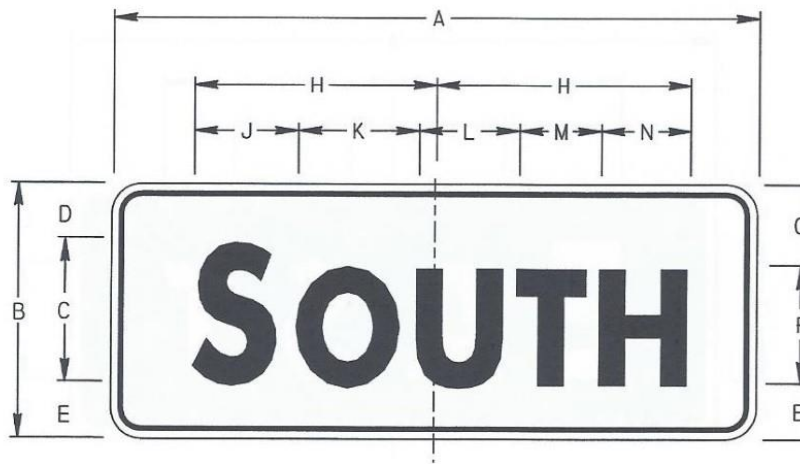
M3-3

SOUTH MARKER

The South Marker (M3-3) 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 M3-3 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	242 (9.6)	112 (4.5)	104 (4.1)	96 (3.8)	89 (3.5)	83 (3.3)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	323 (12.6)	149 (5.6)	139 (5.5)	128 (5.1)	119 (4.7)	111 (4.4)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

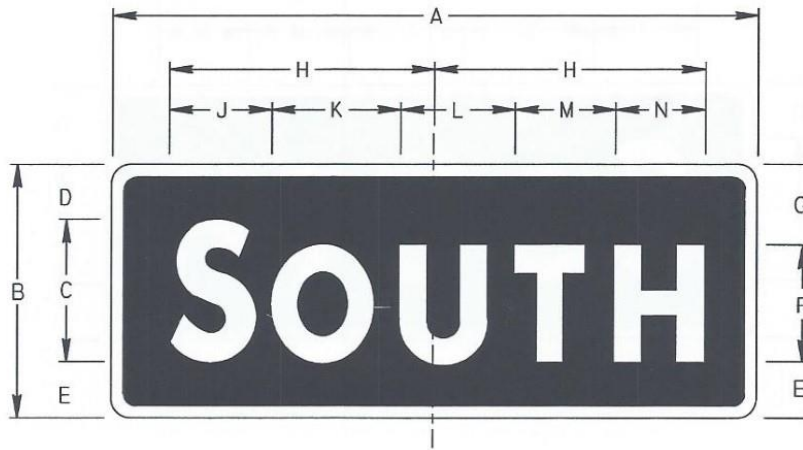
M3-3-1

INTERSTATE SOUTH MARKER

The Interstate South Marker (M3-3-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate the general direction of the entire route.

The M3-3-1 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm size (30" x 15") shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	242 (9.6)	112 (4.5)	104 (4.1)	96 (3.8)	89 (3.5)	83 (3.3)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	323 (12.6)	149 (5.6)	139 (5.5)	128 (5.1)	119 (4.7)	111 (4.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

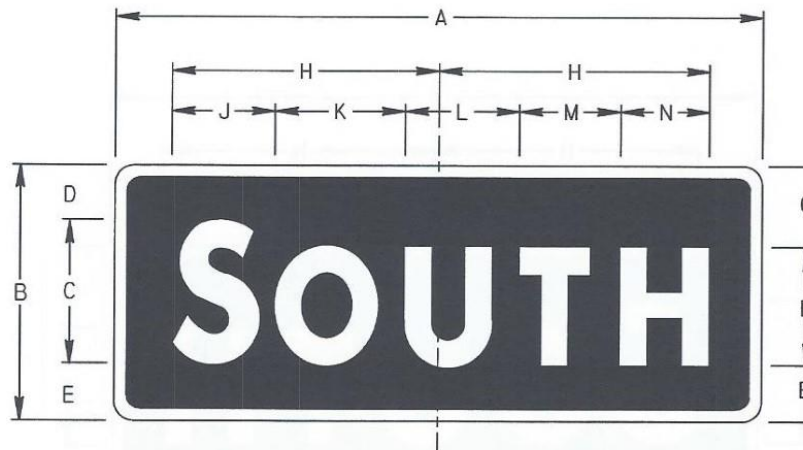
M3-3-2

INTERSTATE BUSINESS SOUTH MARKER

The Interstate Business South Marker (M3-3-2) shall be authorized for use in conjunction with the Interstate Business Loop Sign (M1-2) to indicate the general direction of the entire route.

The M3-3-2 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	242 (9.6)	112 (4.5)	104 (4.1)	96 (3.8)	89 (3.5)	83 (3.3)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	323 (12.6)	149 (5.6)	139 (5.5)	128 (5.1)	119 (4.7)	111 (4.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

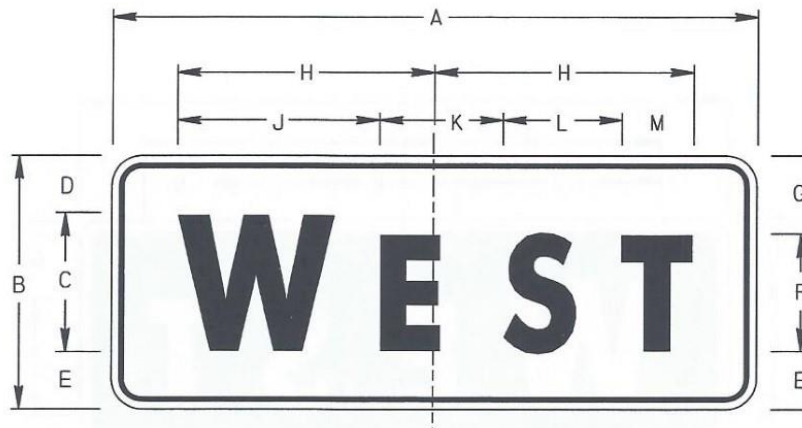
M3-4

WEST MARKER

The West Marker (M3-4) 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 M3-4 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm size (30" x 15") shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	224 (8.8)	161 (6.3)	102 (4.0)	109 (4.3)	76 (3)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	295 (11.5)	207 (8.0)	136 (5.3)	145 (5.7)	102 (4.0)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

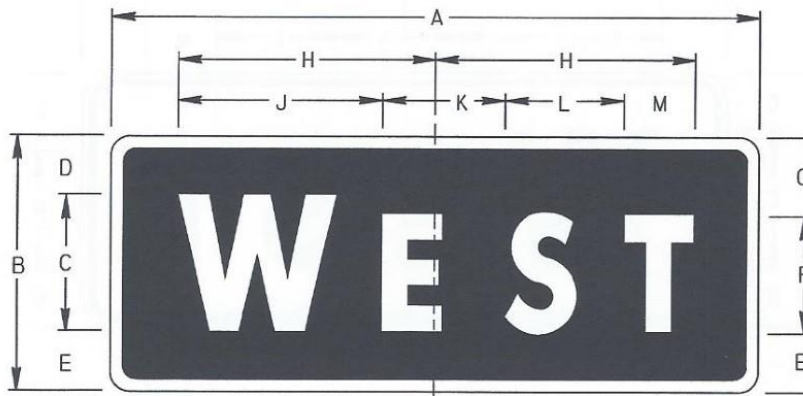
M3-4-1

INTERSTATE WEST MARKER

The Interstate West Marker (M3-4-1) shall be authorized for use in conjunction with the Interstate Route Marker (M1-1) to indicate general direction of the entire route.

The M3-4-1 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	175C (7C)	55 (2.2)	70 (2.8)	150C (6C)	80 (3.2)	224 (8.8)	161 (6.3)	102 (4.0)	109 (4.3)	76 (3)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225C (9C)	70 (2.8)	80 (3.2)	200C (8C)	95 (3.8)	295 (11.5)	207 (8.0)	136 (5.3)	145 (5.7)	102 (4.0)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

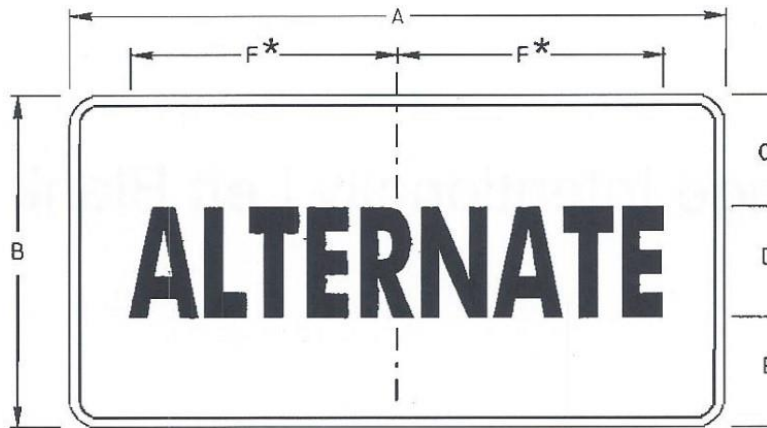
M4-1

ALTERNATE MARKER

(a) Justification. The Alternate Marker (M4-1) 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 M4-1 shall be placed above the route marker.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	100 (4)	100B (4B)	100 (4)	244 (9.6)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	112 (4.5)	150B (6B)	113 (4.5)	327 (12.9)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

* REDUCE SPACING 50% FOR 750 (30") SIGN SIZE.

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : John P. Magliola Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

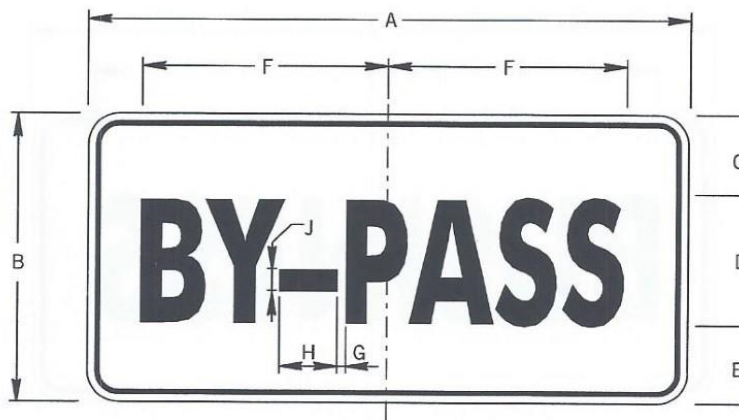
M4-2

BY-PASS MARKER

(a) Justification. The By-Pass Marker (M4-2) 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 M4-2 shall be placed above the route marker.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	90 (3.6)	125B (5B)	85 (3.4)	242 (9.5)	20 (0.8)	19 (0.8)	16 (0.6)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	100 (4)	175B (7B)	100 (4)	316* (12.5*)	27 (1.1)	25 (1)	22 (0.9)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

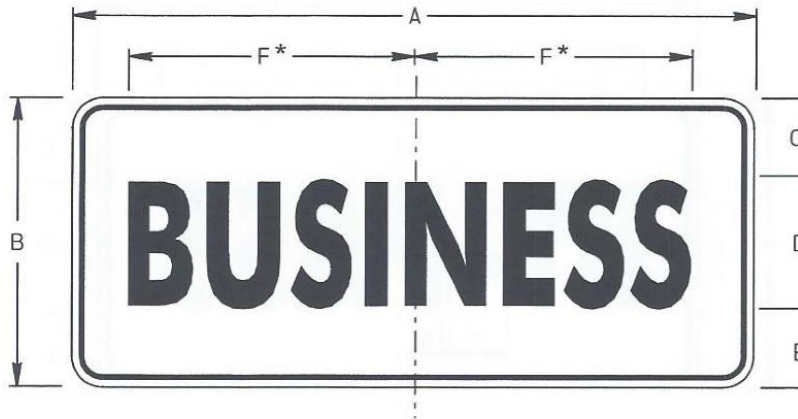
M4-3

BUSINESS MARKER

(a) Justification. The Business Marker (M4-3) 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 M4-3 shall be placed above the route marker.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	90 (3.6)	125B (5B)	85 (3.4)	240 (9.4)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	100 (4)	175B (7B)	100 (4)	336 (13.3)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

* REDUCE SPACING 40%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

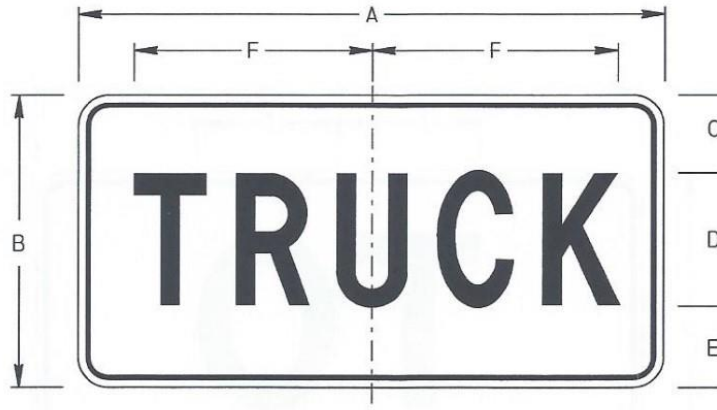
M4-4

TRUCK MARKER

(a) Justification. The Truck Marker (M4-4) 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 M4-4 shall be placed above the route marker.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") markers.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	75 (3)	150C (6C)	75 (3)	248* (9.8*)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	90 (3.6)	200C (8C)	85 (3.4)	312** (12.3**)	10 (0.4)	15 (0.6)	B5-750375 (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 : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

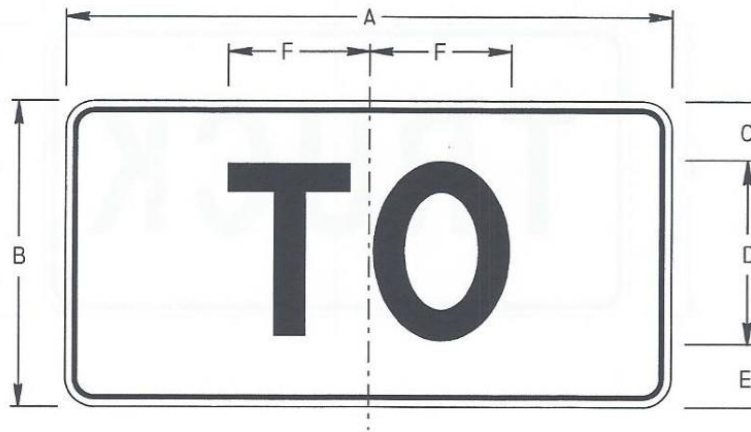
M4-5

TO MARKER

(a) Justification. The To Marker (M4-5) 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 M4-5 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 M4-5 shall be placed above the route marker.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	75 (3)	150E (6E)	75 (3)	135 (5.4)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	90 (3.6)	200E (8E)	85 (3.4)	180 (7.1)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

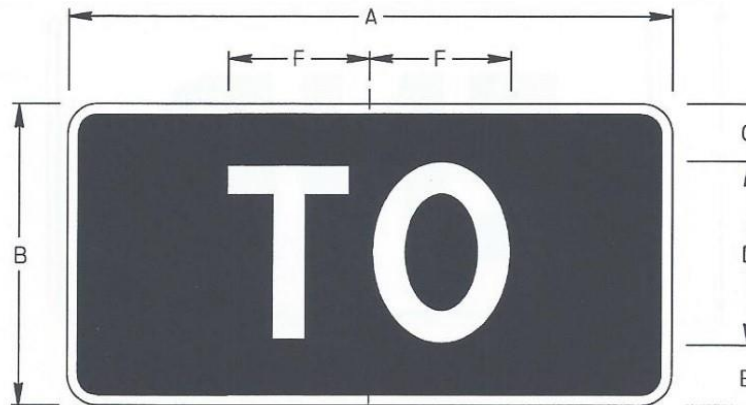
M4-5-1

INTERSTATE TO MARKER

The Interstate To Marker (M4-5-1) 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 M4-5-1 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 M4-5-1 marker shall be placed directly above the route marker.

The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	75 (3)	150E (6E)	75 (3)	135 (5.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	90 (3.6)	200E (8E)	85 (3.4)	180 (7.1)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

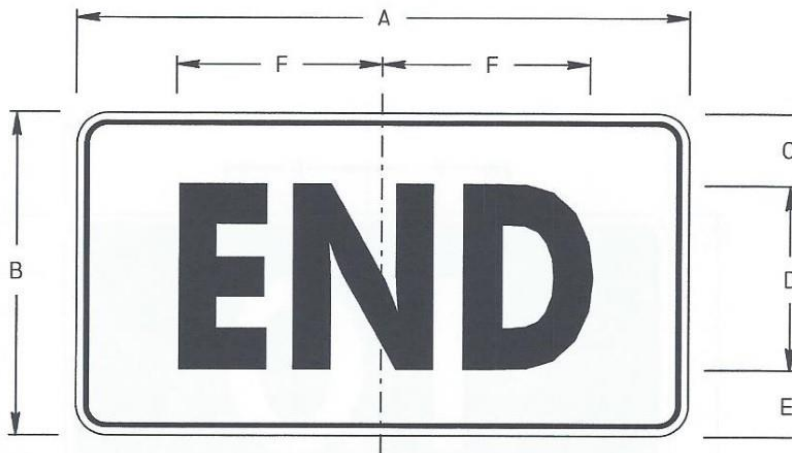
M4-6

END MARKER

(a) Justification. The End Marker (M4-6) 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 M4-6 shall be placed above the route marker designating the route being terminated.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 375 mm (30" x 15") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	75 (3)	150D (6D)	75 (3)	181 (7.1)	10 (0.4)	15 (0.6)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	90 (3.6)	200D (8D)	85 (3.4)	242 (9.6)	10 (0.4)	15 (0.6)	B5-750375 (B5-3015)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

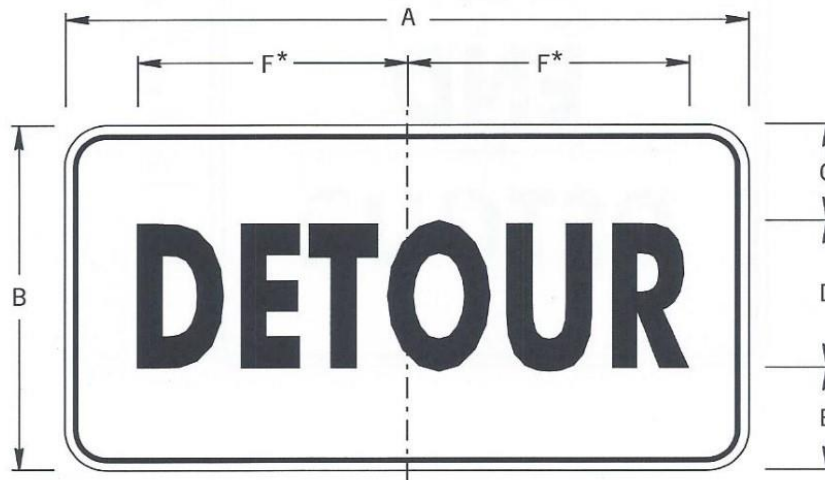
M4-8

DETOUR MARKER

(a) Justification. The Detour Marker (M4-8) 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 M4-8 shall be placed above the route marker designating the route being detoured.

(c) Size. The 600 mm by 300 mm (24" x 12") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 375 mm (30" x 15") size shall be used with the 900 by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER
600 x 300 (24" x 12")	75 (3)	150B (6B)	75 (3)	238 (9.4)	10 (0.4)	15 (0.6)
750 x 375 (30" x 15")	90 (3.6)	200B (8B)	85 (3.4)	317 (12.5)	10 (0.4)	15 (0.6)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

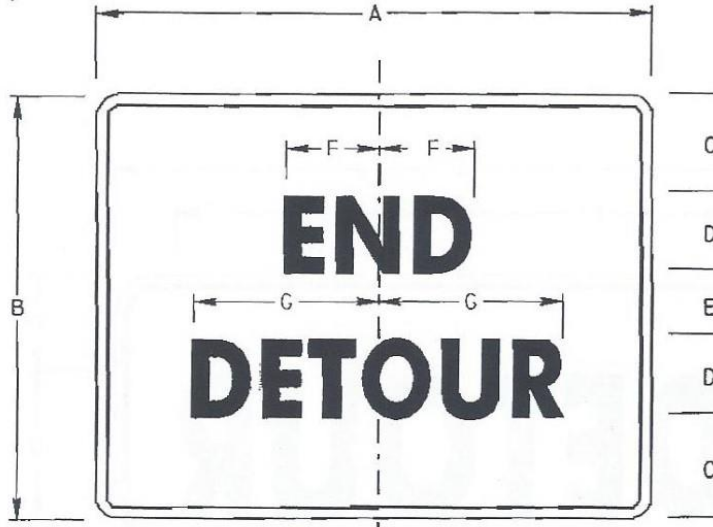
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-8A

END DETOUR SIGN

The End Detour Sign (M4-8A) shall be authorized for use at the end of a signed detour. If route markers are used, this sign may be placed above the last route marker of the detour.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER
600 x 450 (24" x 18")	87 (3.5)	100D (4D)	76 (3)	121 (4.8)	252 (9.9)	10 (0.4)	15 (0.6)
900 x 750 (36" x 30")	162 (6.5)	150D (6D)	126 (5)	181 (7.1)	377 (14.8)	15 (0.6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

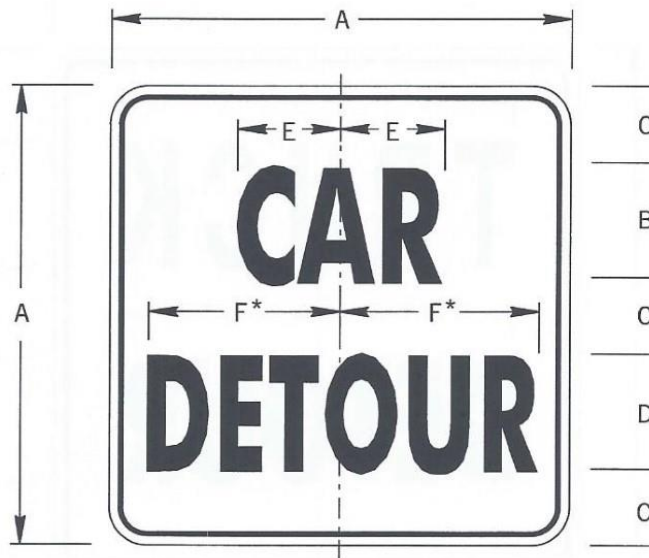
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *James P. Anagnia* Date : 2-1-2017
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-8-1

CAR DETOUR MARKER

The Car Detour Marker (M4-8-1) 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 (M4-8-2) 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 M4-8-1 marker. (The marker should be elongated if an arrow is used within the border.)



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
600 x 600 (24" x 24")	150C (6C)	100 (4)	150B (6B)	152 (6.1)	238 (9.4)	10 (0.4)	15 (0.6)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

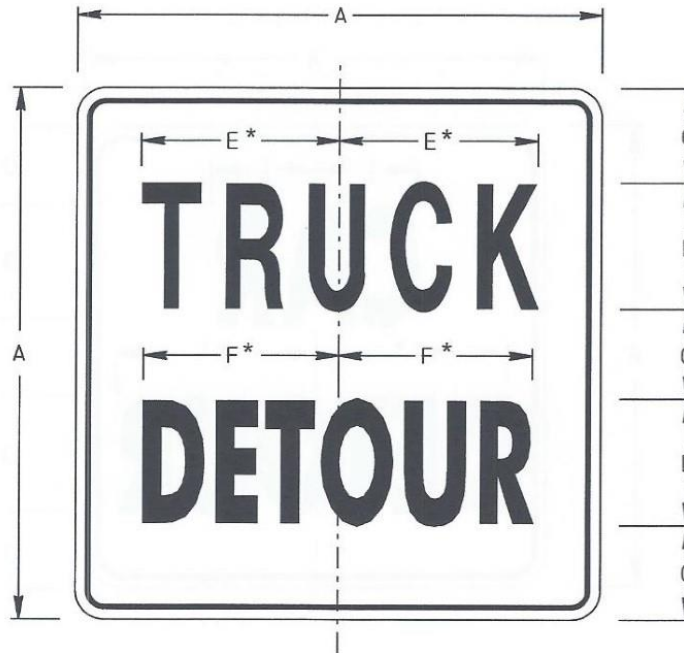
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-8-2

TRUCK DETOUR MARKER

The Truck Detour Marker (M4-8-2) 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 (M4-8-1) 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 M4-8-2 marker. (The marker should be elongated if an arrow is used within the border.)



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER
600 x 600 (24" x 24")	150C (6C)	100 (4)	150B (6B)	248 (9.9)	238 (9.4)	10 (0.4)	15 (0.6)

* REDUCE SPACING 20%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

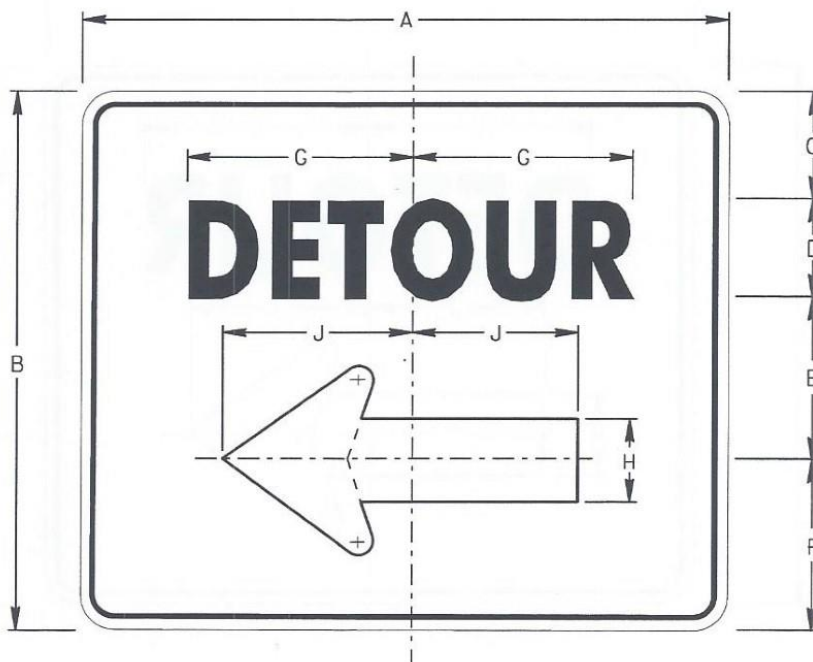
M4-9L

DETOUR SIGN, LEFT

(a) Justification. The Detour Sign, Left (M4-9L) shall be authorized for use to mark a detoured, unnumbered route. If two unnumbered routes are detoured over the same highway, then the Detour Arrow Signs, M4-10R, and M4-10L, may be used to mark the other detoured route.

(b) Placement. The M4-9L sign shall be placed where the detour changes direction.

(c) Size. The standard size of M4-9L shall be 750 mm by 600 mm (30" x 24").



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	100 (4)	125D (5D)	175 (7)	200 (8)	298* (11.7)*	90 (3.6)	225 (9)	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	250 (10)	300 (12)	505 (19.9)	130 (5.2)	340 (13.6)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

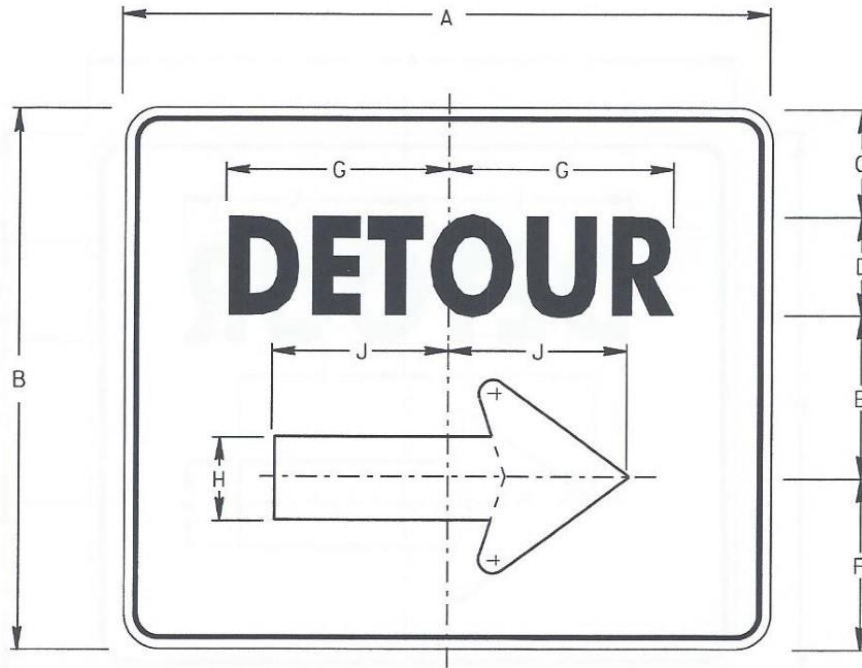
M4-9R

DETOUR SIGN, RIGHT

(a) Justification. The Detour Sign, Right (M4-9R) shall be authorized for use to mark a detoured, unnumbered route. If two unnumbered routes are detoured over the same highway, then the Detour Arrow Signs, M4-10R, and M4-10L, may be used to mark the other detoured route.

(b) Placement. The M4-9R sign shall be placed where the detour changes direction.

(c) Size. The standard size of M4-9R shall be 750 mm by 600 mm (30" x 24").



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	100 (4)	125D (5D)	175 (7)	200 (8)	298* (11.7)*	90 (3.6)	225 (9)	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	250 (10)	300 (12)	505 (19.9)	130 (5.2)	340 (13.6)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

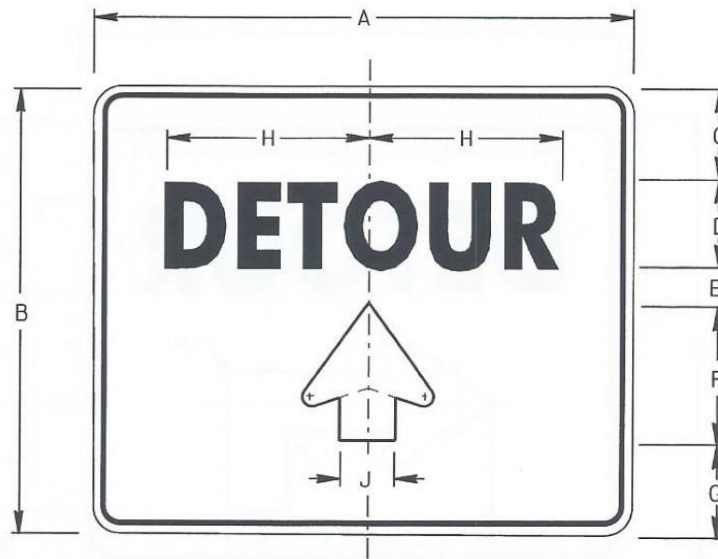
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9S

DETOUR SIGN, STRAIGHT

(a) Justification. The Detour Sign, Straight (M4-9S) may be used to mark a detoured unnumbered traffic route when the route crosses a numbered traffic route or any other major highway.

(b) Placement. The M4-9S sign shall be placed before the intersection where applicable.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	100 (4)	125D (5D)	50 (2)	250 (10)	75 (3)	298* (11.7)*	90 (3.6)	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	75 (3)	375 (15)	100 (4)	505 (19.9)	130 (5.2)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

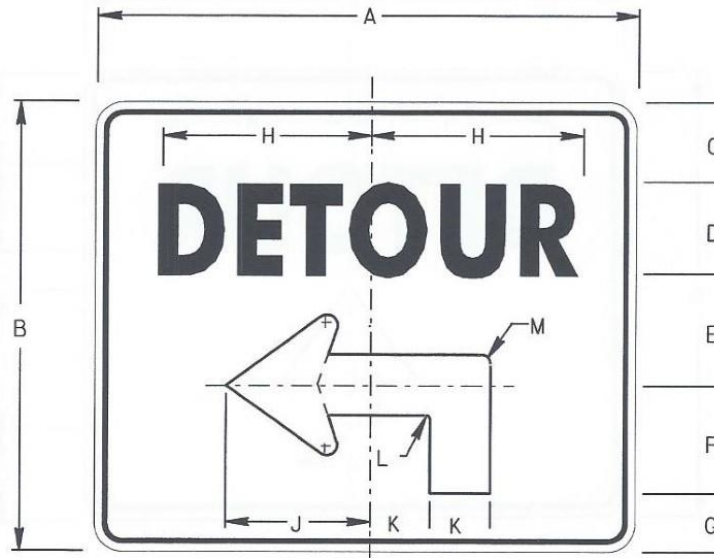
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9SL

LEFT ADVANCE DETOUR SIGN

(a) Justification. The Left Advance Detour Sign (M4-9SL) may be used as an advance indication of a left turn in a detoured unnumbered traffic route.

(b) Placement. The M4-9SL sign should be placed 75 m (250') to 225 m (750') in advance of the turn, but not in advance of another side road on the left.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	75 (3)	125D (5D)	145 (5.8)	180 (7.2)	75 (3)	298* (11.7)*	225 (9)	90 (3.6)	10 (0.4)	15 (0.6)	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	215 (8.6)	235 (9.4)	100 (4)	505 (19.9)	340 (13.6)	130 (5.2)	15 (0.6)	20 (0.8)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

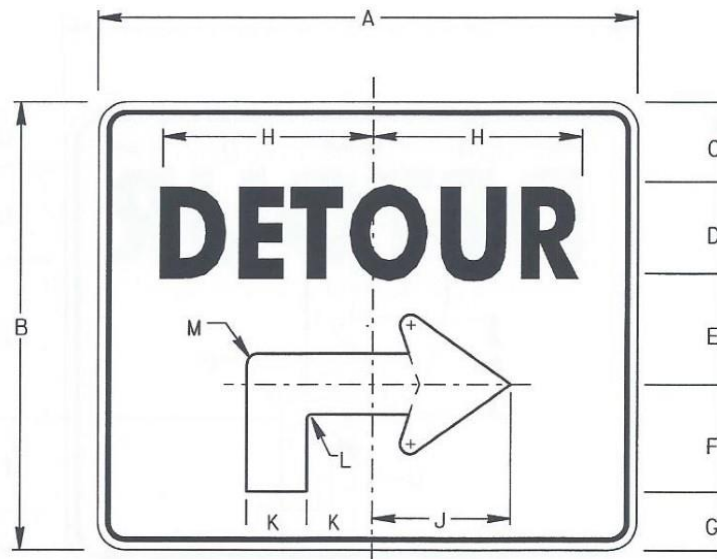
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9SR

RIGHT ADVANCE DETOUR SIGN

(a) Justification. The Right Advance Detour Sign (M4-9SR) may be used as an advance indication of a right turn in a detoured unnumbered traffic route.

(b) Placement. The M4-9SR sign should be placed 75 m (250') to 225 m (750') in advance of the turn, but not in advance of another side road on the right.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	75 (3)	125D (5D)	145 (5.8)	180 (7.2)	75 (3)	298* (11.7)*	225 (9)	90 (3.6)	10 (0.4)	15 (0.6)	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	215 (8.6)	235 (9.4)	100 (4)	505 (19.9)	340 (13.6)	130 (5.2)	15 (0.6)	20 (0.8)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

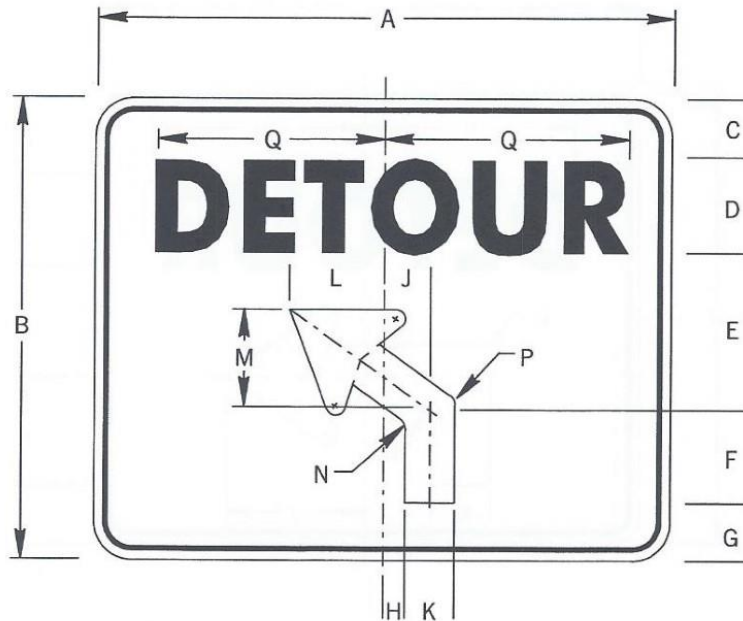
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9AL

LEFT ADVANCE 45° DETOUR SIGN

The Left Advance 45° Detour Sign (M4-9AL) may be used as an advance indication of a left turn in a detoured, unnumbered traffic route.

The M4-9AL sign should be placed 75 m (250') to 225 m (750') in advance of the turn, but not in advance of another side road on the left.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	MAR- GIN	BOR- DER	
750 x 600 (30" x 24")	75 (3)	125D (5D)	205 (8.2)	120 (4.8)	75 (3)	30 (1.2)	63 (2.5)	66 (2.6)	122 (4.9)	130 (5.2)	10 (0.4)	15 (0.6)	298* (11.7)*	10 (0.4)	15 (0.6)	
1200 x 900 (48" x 36")	150 (6)	200D (8D)	320 (12.8)	130 (5.2)	100 (4)	30 (1.2)	77 (3.1)	94 (3.8)	178 (7.1)	180 (7.2)	15 (0.6)	20 (0.8)	505 (19.9)	15 (0.6)	20 (0.8)	

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

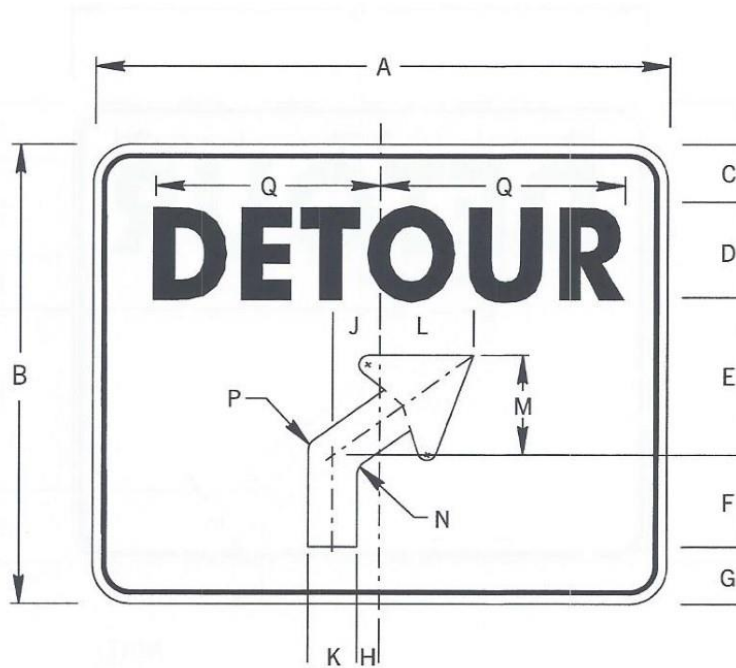
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9AR

RIGHT ADVANCE 45° DETOUR SIGN

The Right Advance 45° Detour Sign (M4-9AR) may be used as an advance indication of a right turn in a detoured, unnumbered traffic route.

The M4-9AR sign should be placed 75 m (250') to 225 m (750') in advance of the turn, but not in advance of another side road on the right.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	75 (3)	125D (5D)	205 (8.2)	120 (4.8)	75 (3)	30 (1.2)	63 (2.5)	66 (2.6)	122 (4.9)	130 (5.2)	10 (0.4)	15 (0.6)	298* (11.7)*	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	320 (12.8)	130 (5.2)	100 (4)	30 (1.2)	77 (3.1)	94 (3.8)	178 (7.1)	180 (7.2)	15 (0.6)	20 (0.8)	505 (19.9)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

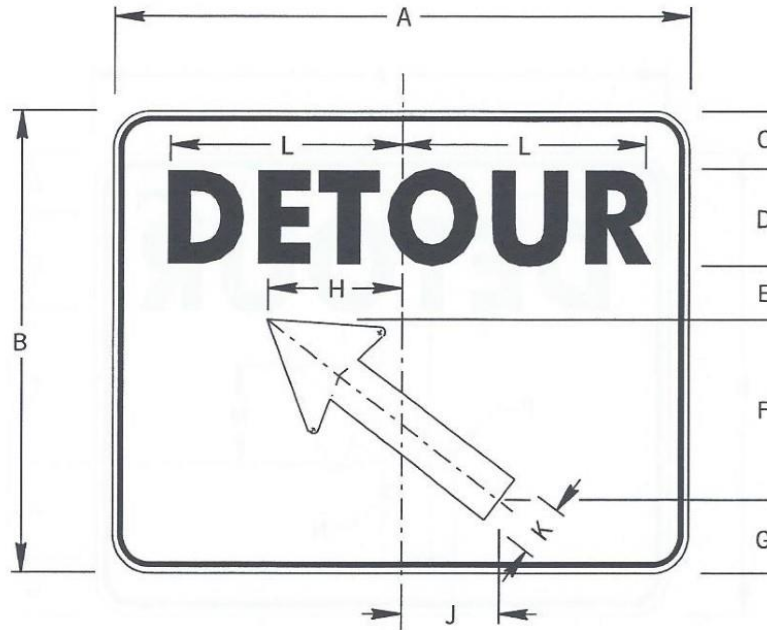
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9BL

45° LEFT TURN DETOUR SIGN

The 45° Left Turn Detour Sign (M4-9BL) may be authorized for use to mark a detoured, unnumbered traffic route.

The M4-9BL sign shall be placed where the detour changes direction.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	75 (3)	125D (5D)	70 (2.8)	235 (9.4)	95 (3.8)	175 (7)	127 (5.1)	66 (2.6)	298* (11.7)*	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	150 (6)	270 (10.8)	130 (5.2)	200 (8)	152 (6.1)	94 (3.8)	505 (19.9)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

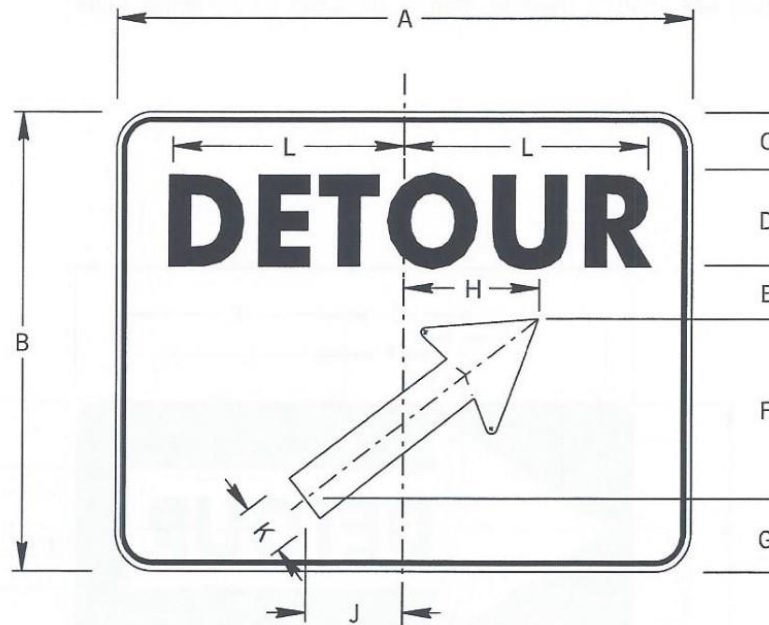
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-9BR

45° RIGHT TURN DETOUR SIGN

The 45° Right Turn Detour Sign (M4-9BR) may be authorized for use to mark a detoured, unnumbered traffic route.

The M4-9BR sign shall be placed where the detour changes direction.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER
750 x 600 (30" x 24")	75 (3)	125D (5D)	70 (2.8)	235 (9.4)	95 (3.8)	175 (7)	127 (5.1)	66 (2.6)	298* (11.7)*	10 (0.4)	15 (0.6)
1200 x 900 (48" x 36")	150 (6)	200D (8D)	150 (6)	270 (10.8)	130 (5.2)	200 (8)	152 (6.1)	94 (3.8)	505 (19.9)	15 (0.6)	20 (0.8)

* REDUCE SPACING 25%

COLOR:

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

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

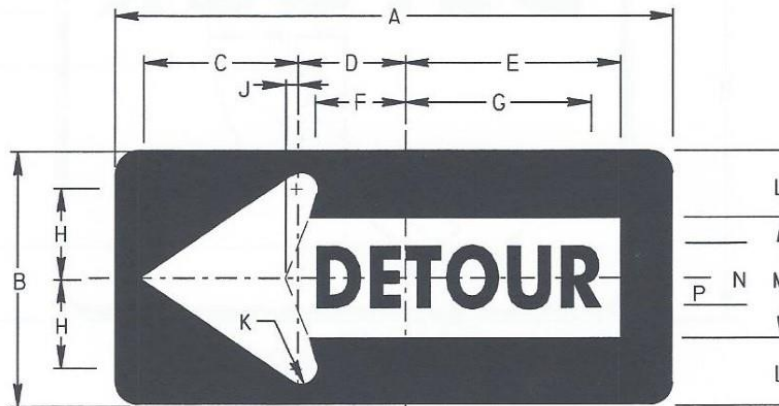
M4-10L

DETOUR ARROW SIGN, LEFT

(a) Justification. The Detour Arrow Sign, Left (M4-10L) shall be authorized for use when a detour route has been established due to the closure of a highway to through traffic. It may also be used to mark one of two unnumbered routes being detoured over the same highway when the other route is marked with the standard Detour Signs, M4-9R and M4-9L.

(b) Placement. The M4-10L sign should normally be mounted just below the Road Closed Sign (R11-2) or the Road Closed-Local Traffic Only Sign (R11-3A). When used to mark a detoured unnumbered route, it shall be placed where the detour changes direction.

(c) Size. The standard size of M4-10L shall be 1200 mm by 450 mm (48" x 18"). The 900 mm by 300 mm (36" x 12") size shall be used to mark a detoured unnumbered route.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P
900 x 300 (36" x 12")	203 (8.1)	197 (7.9)	400 (16)	143 (5.6)	360 (14.2)	115 (4.6)	16 (0.6)	20 (0.8)	80 (3.2)	140 (5.6)	100D (4D)	50 (2)
1200 x 450 (48" x 18")	305 (12.2)	245 (9.8)	550 (22)	224 (8.8)	530 (20.8)	173 (6.9)	23 (0.9)	30 (1.2)	125 (5)	200 (8)	150D (6D)	75 (3)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

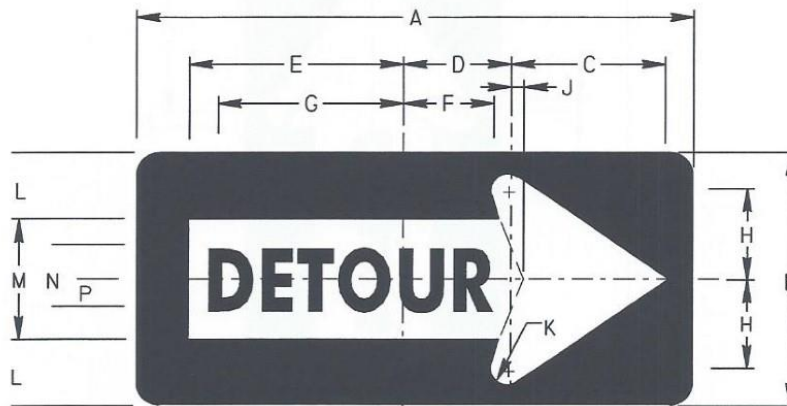
M4-10R

DETOUR ARROW SIGN, RIGHT

(a) Justification. The Detour Arrow Sign, Right (M4-10R) shall be authorized for use when a detour route has been established due to the closure of a highway to through traffic. It may also be used to mark one of two unnumbered routes being detoured over the same highway when the other route is marked with the standard Detour Signs, M4-9R and M4-9L.

(b) Placement. The M4-10R sign should normally be mounted just below the Road Closed Sign (R11-2) or the Road Closed-Local Traffic Only Sign (R11-3A). When used to mark a detoured unnumbered route, it shall be placed where the detour changes direction.

(c) Size. The standard size of M4-10R shall be 1200 mm by 450 mm (48" x 18"). The 900 mm by 300 mm (36" x 12") size shall be used to mark a detoured unnumbered route.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P
900 x 300 (36" x 12")	203 (8.1)	197 (7.9)	400 (16)	143 (5.6)	360 (14.2)	115 (4.6)	16 (0.6)	20 (0.8)	80 (3.2)	140 (5.6)	100D (4D)	50 (2)
1200 x 450 (48" x 18")	305 (12.2)	245 (9.8)	550 (22)	224 (8.8)	530 (20.8)	173 (6.9)	23 (0.9)	30 (1.2)	125 (5)	200 (8)	150D (6D)	75 (3)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-10S

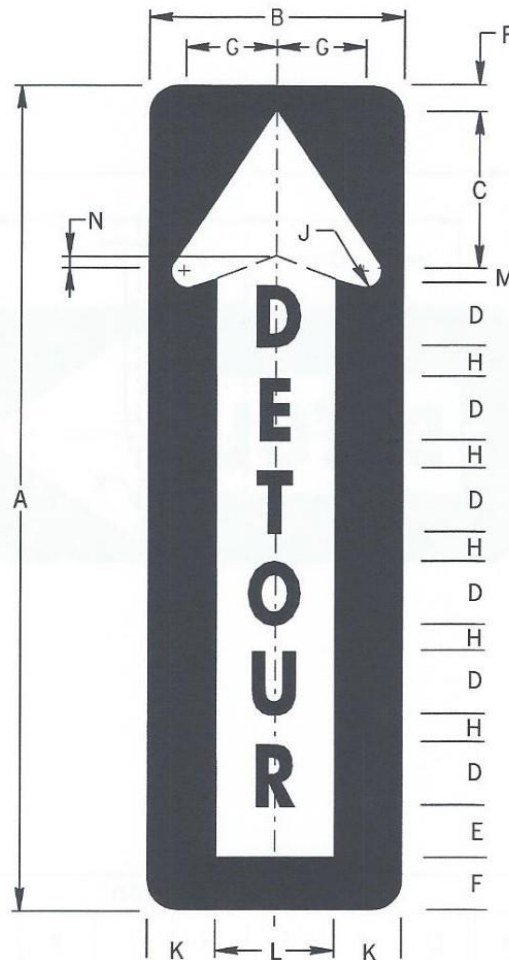
DETOUR ARROW SIGN, STRAIGHT

(a) Justification. The Detour Arrow Sign, Straight (M4-10S) shall be authorized for use where a detour route has been established due to the closure of a highway to through traffic when the detoured route crosses a numbered traffic route or other major highway.

It may also be used to mark one of two unnumbered routes being detoured over the same highway when the other route is marked with the standard Detour Signs (M4-9R, M4-9L or M4-9S).

(b) Placement. The M4-10S sign shall be placed before the intersection where applicable.

(c) Size. The standard size M4-10S sign shall be 450 mm by 1200 mm (18" x 48"). The 300 mm by 900 mm (12" x 36") size shall be used to mark a detoured unnumbered route.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N
900 x 300 (36" x 12")	203 (8.1)	75E (3E)	32 (1.3)	65 (2.6)	115 (4.6)	15 (0.6)	20 (0.8)	80 (3.2)	140 (5.6)	10 (0.4)	16 (0.6)
1200 x 450 (48" x 18")	305 (12.2)	100E (4E)	40 (1.6)	70 (2.8)	173 (6.9)	20 (0.8)	30 (1.2)	125 (5)	200 (8)	15 (0.6)	23 (0.9)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
ORANGE (REFLECTORIZED)

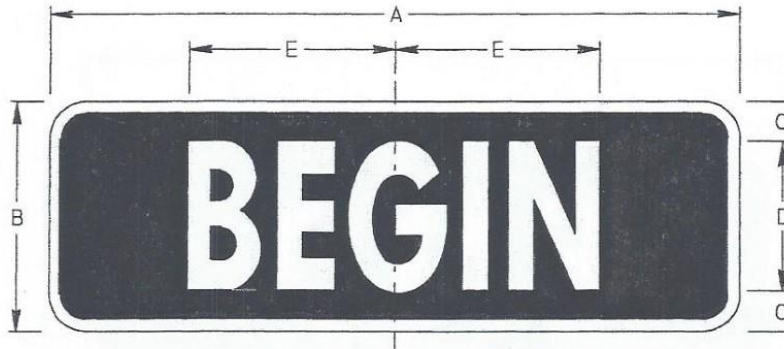
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-11

BEGIN SIGN (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 M4-11 sign should be mounted above the D11-1 sign, and the M7-1 through M7-7 signs should be mounted below the D11-1 sign. The mirror image of the M7-1, M7-3, M7-4, M7-6, and M7-7 signs are also authorized.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
600 x 150 (24" x 6")	25 (1)	100C (4C)	157 (6.2)	15 (0.6)	—

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

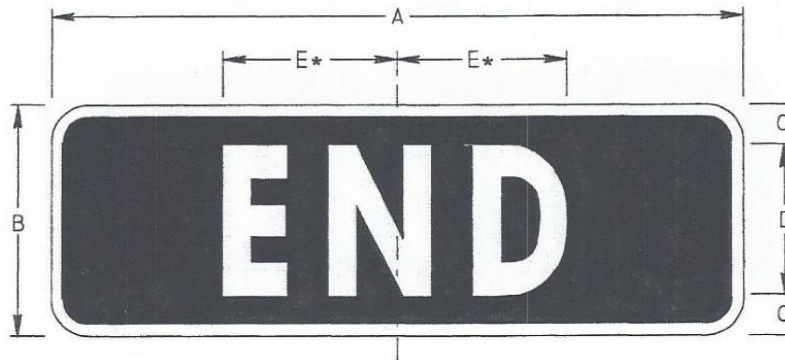
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-12

END SIGN (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 M4-12 sign should be mounted above the D11-1 sign, and the M7-1 through M7-7 signs should be mounted below the D11-1 sign. The mirror image of the M7-1, M7-3, M7-4, M7-6, and M7-7 signs are also authorized.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
600 x 150 (24" x 6")	25 (1)	100C (4C)	120 (4.7)	15 (0.6)	—

* INCREASE SPACING 100%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

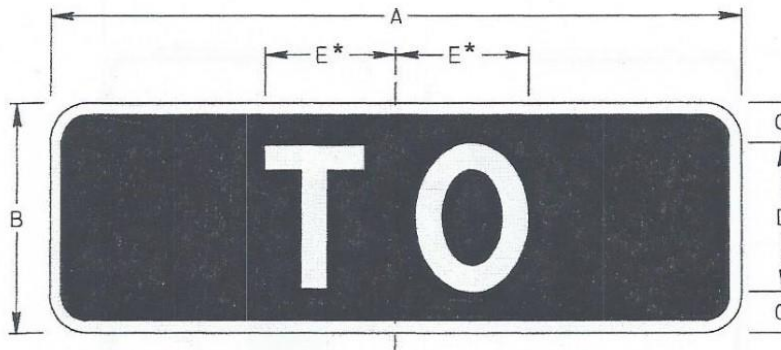
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M4-13

TO SIGN (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 M4-13 sign should be mounted above the D11-1 sign, and the M7-1 through M7-7 signs should be mounted below the D11-1 sign. The mirror image of the M7-1, M7-3, M7-4, M7-6, and M7-7 signs are also authorized.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
600 x 150 (24" x 6")	25 (1)	100C (4C)	72 (2.9)	15 (0.6)	—

* INCREASE SPACING 100%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

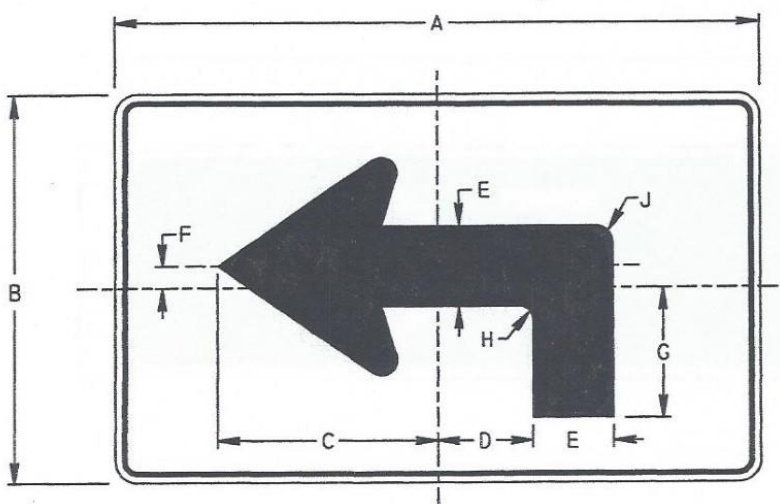
M5-1L

ADVANCE 90 DEGREE LEFT TURN MARKER

The Advance 90 Degree Left Turn Marker (M5-1L) 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 M5-1L marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS -- mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	180 (7.2)	80 (3.2)	65 (2.6)	50 (2)	125 (5)	10 (0.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	260 (10.4)	115 (4.6)	95 (3.8)	25 (1)	150 (6)	15 (0.6)	20 (0.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

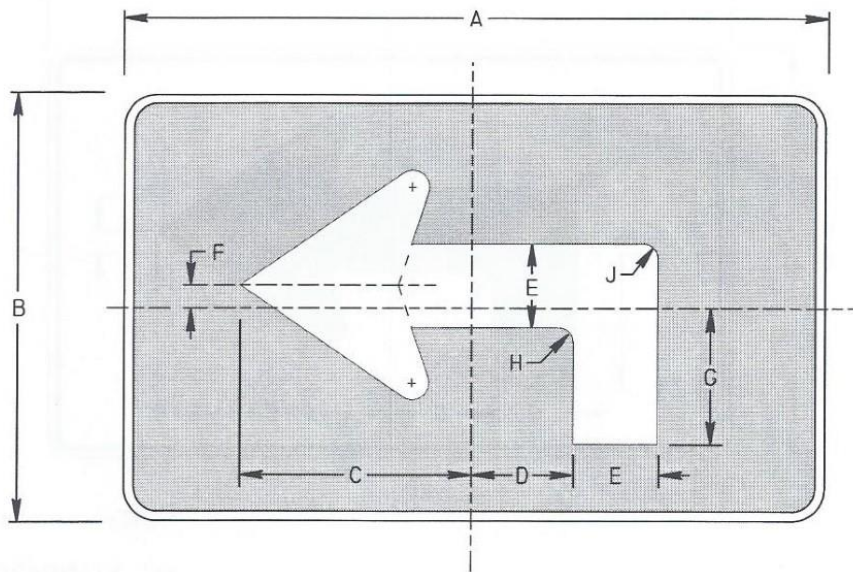
M5-1-1L

INTERSTATE ADVANCE 90 DEGREE LEFT TURN MARKER

The Interstate Advance 90 Degree Left Turn Marker (M5-1-1L) 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 M5-1-1L marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	180 (7.2)	80 (3.2)	65 (2.6)	50 (2)	125 (5)	10 (0.4)	15 (0.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	260 (10.4)	115 (4.6)	95 (3.8)	25 (1)	150 (6)	15 (0.6)	20 (0.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

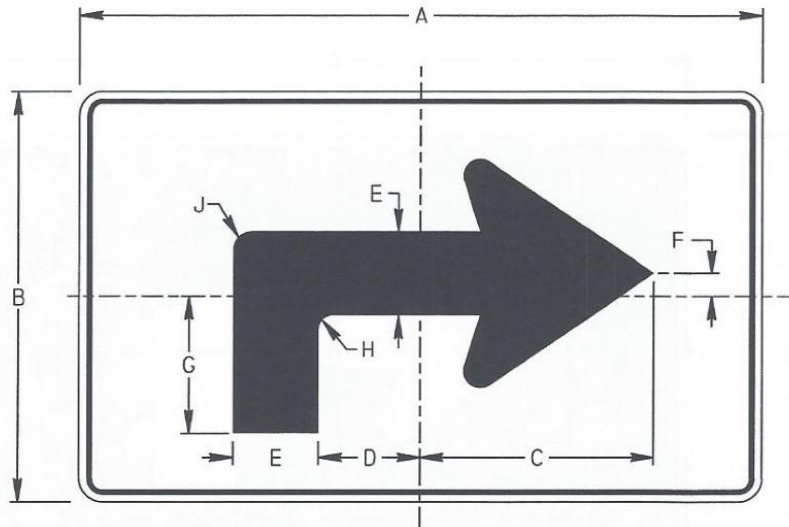
M5-1R

ADVANCE 90 DEGREE RIGHT TURN MARKER

The Advance 90 Degree Right Turn Marker (M5-1R) 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 turn which must be made to follow the indicated route.

The M5-1R marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	180 (7.2)	80 (3.2)	65 (2.6)	50 (2)	125 (5)	10 (0.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	260 (10.4)	115 (4.6)	95 (3.8)	25 (1)	150 (6)	15 (0.6)	20 (0.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

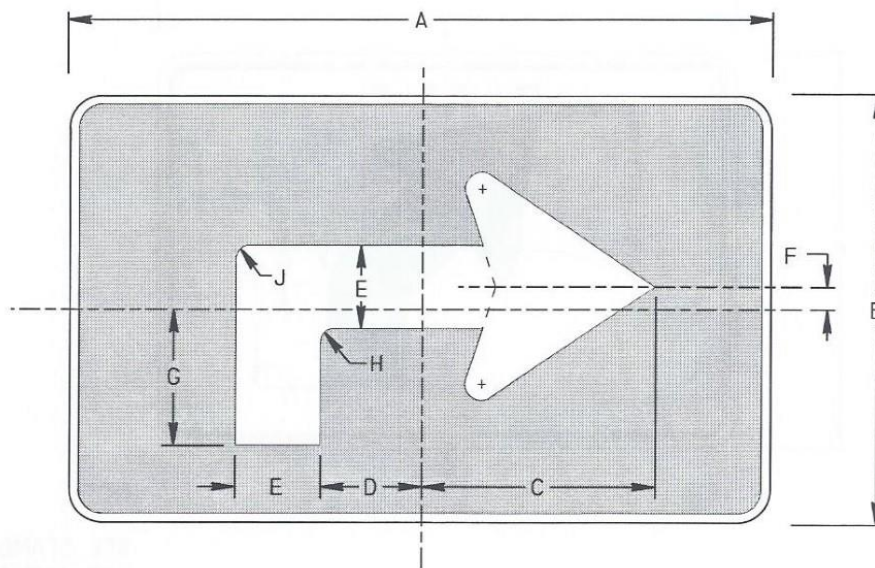
M5-1-1R

INTERSTATE ADVANCE 90 DEGREE RIGHT TURN MARKER

The Interstate Advance 90 Degree Right Turn Marker (M5-1-1R) 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 M5-1-1R marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	180 (7.2)	80 (3.2)	65 (2.6)	50 (2)	125 (5)	10 (0.4)	15 (0.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	260 (10.4)	115 (4.6)	95 (3.8)	25 (1)	150 (6)	15 (0.6)	20 (0.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

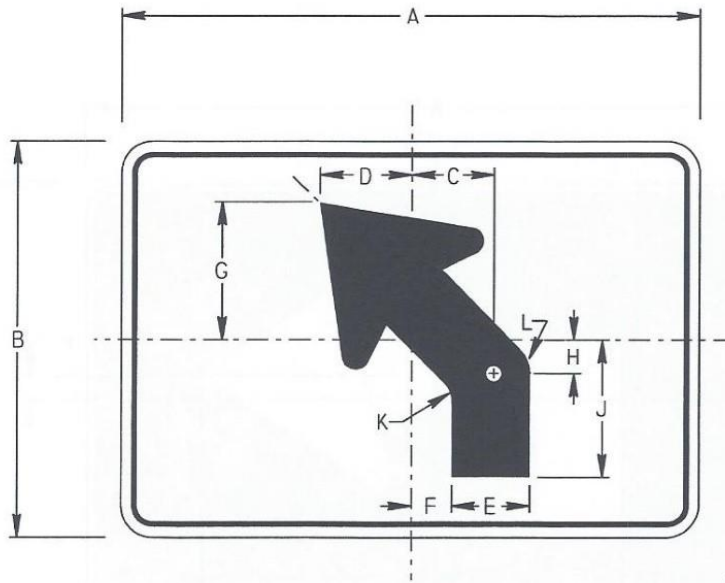
M5-2L

ADVANCE 45 DEGREE LEFT TURN MARKER

The Advance 45 Degree Left Turn Marker (M5-2L) 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 M5-2L marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.	
525 x 375 (21" x 15")	60 (2.4)	110 (4.4)	65 (2.6)	28 (1.1)	120 (4.8)	20 (0.8)	135 (5.4)	10 (0.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)	
750 x 450 (30" x 18")	105 (4.2)	155 (6.2)	95 (3.8)	58 (2.3)	145 (5.8)	30 (1.2)	160 (6.4)	15 (0.6)	20 (0.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)	

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

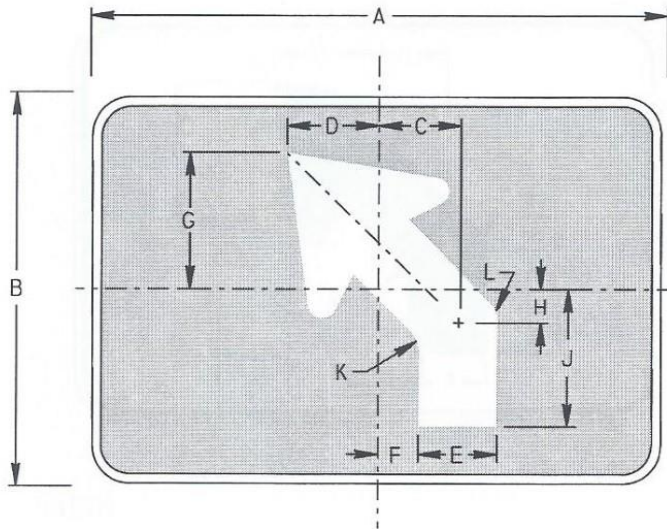
M5-2-1L

INTERSTATE ADVANCE 45 DEGREE LEFT TURN MARKER

The Interstate Advance 45 Degree Left Turn Marker (M5-2-1L) 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 M5-2-1L marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	60 (2.4)	110 (4.4)	65 (2.6)	28 (1.1)	120 (4.8)	20 (0.8)	135 (5.4)	10 (0.4)	15 (0.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	105 (4.2)	155 (6.2)	95 (3.8)	58 (2.3)	145 (5.8)	30 (1.2)	160 (6.4)	15 (0.6)	20 (0.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

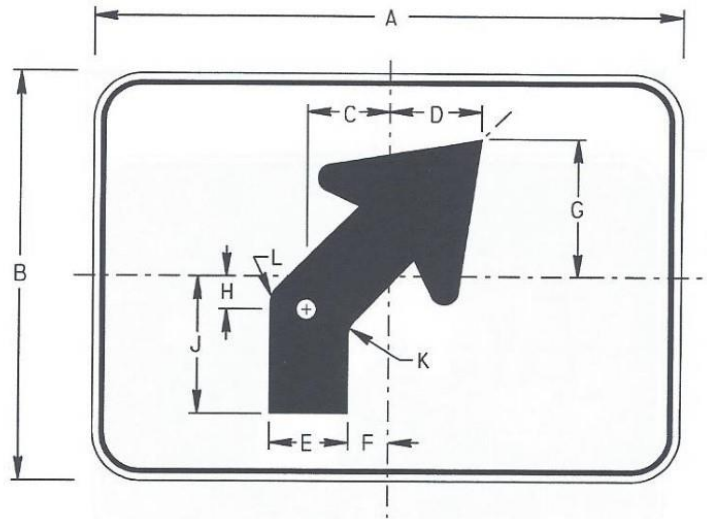
M5-2R

ADVANCE 45 DEGREE RIGHT TURN MARKER

The Advance 45 Degree Right Turn Marker (M5-2R) 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 M5-2R marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	60 (2.4)	110 (4.4)	65 (2.6)	28 (1.1)	120 (4.8)	20 (0.8)	135 (5.4)	10 (0.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	105 (4.2)	155 (6.2)	95 (3.8)	58 (2.3)	145 (5.8)	30 (1.2)	160 (6.4)	15 (0.6)	20 (0.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

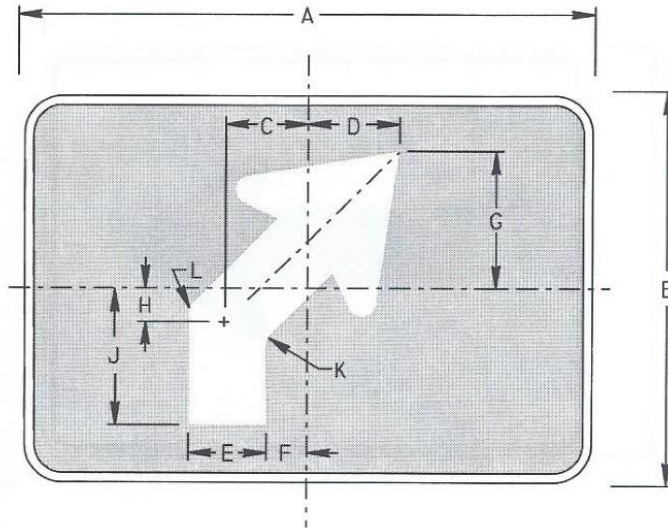
M5-2-1R

INTERSTATE ADVANCE 45 DEGREE RIGHT TURN MARKER

The Interstate Advance 45 Degree Right Turn Marker (M5-2-1R) 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 M5-2-1R marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	60 (2.4)	110 (4.4)	65 (2.6)	28 (1.1)	120 (4.8)	20 (0.8)	135 (5.4)	10 (0.4)	15 (0.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	105 (4.2)	155 (6.2)	95 (3.8)	58 (2.3)	145 (5.8)	30 (1.2)	160 (6.4)	15 (0.6)	20 (0.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

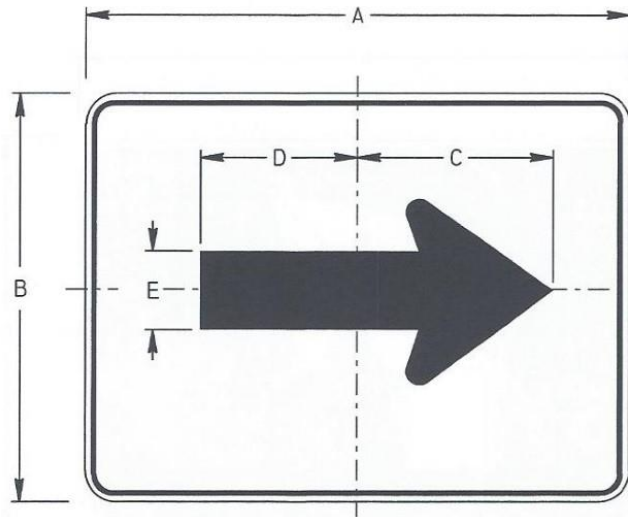
M6-1

90 DEGREE TURN MARKER

The 90 Degree Turn Marker (M6-1) 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 M6-1 marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	188 (7.5)	180 (7.2)	65 (2.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	270 (10.8)	255 (10.2)	95 (3.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

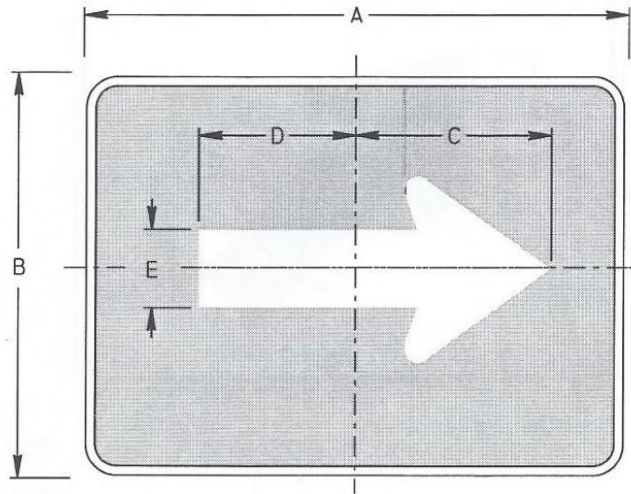
M6-1-1

INTERSTATE 90 DEGREE TURN MARKER

The Interstate 90 Degree Turn Marker (M6-1-1) 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 M6-1-1 marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (36" x 24") route markers. The 750 mm by 450 mm (36" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	188 (7.5)	180 (7.2)	65 (2.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	270 (10.8)	255 (10.2)	95 (3.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

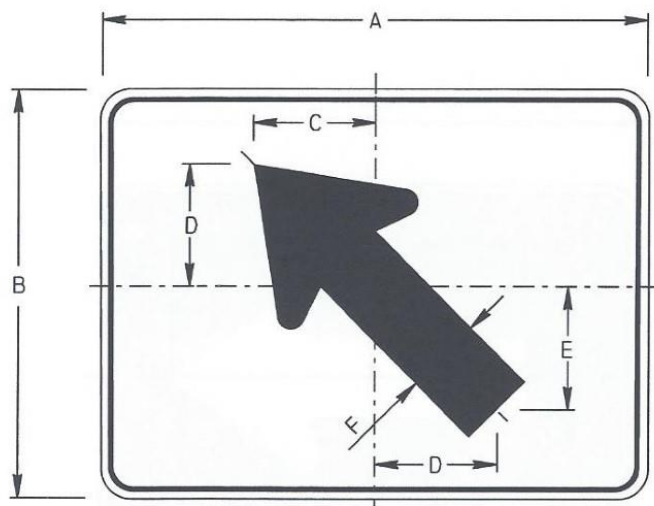
M6-2L

45 DEGREE LEFT TURN MARKER

The 45 Degree Left Turn Marker (M6-2L) 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 M6-2L marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	142 (5.7)	128 (5.1)	115 (4.6)	65 (2.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	205 (8.2)	150 (6)	110 (4.4)	95 (3.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

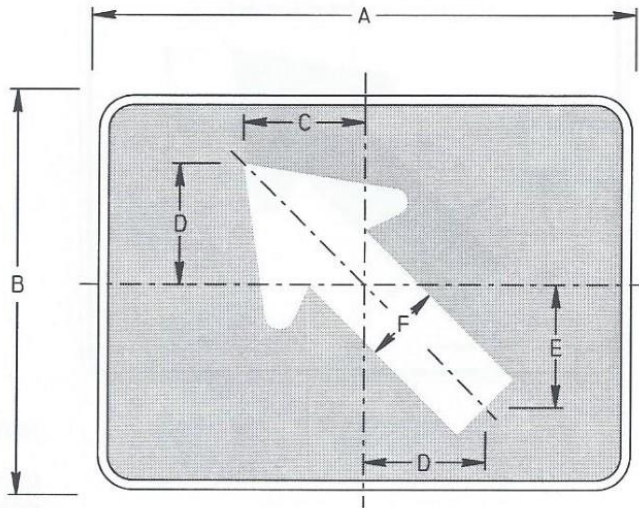
M6-2-1L

INTERSTATE 45 DEGREE LEFT TURN MARKER

The Interstate 45 Degree Left Turn Marker (M6-2-1L) 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 M6-2-1L marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	142 (5.7)	128 (5.1)	115 (4.6)	65 (2.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	205 (8.2)	150 (6)	110 (4.4)	95 (3.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

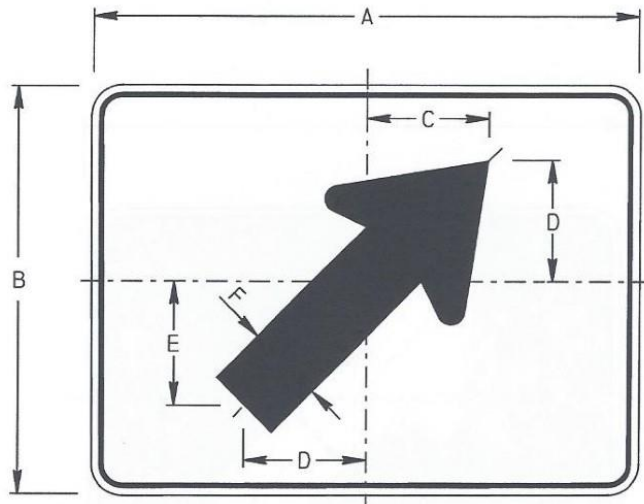
M6-2R

45 DEGREE RIGHT TURN MARKER

The 45 Degree Right Turn Marker (M6-2R) 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 M6-2R marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	142 (5.7)	128 (5.1)	115 (4.6)	65 (2.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	205 (8.2)	150 (6.0)	110 (4.4)	95 (3.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

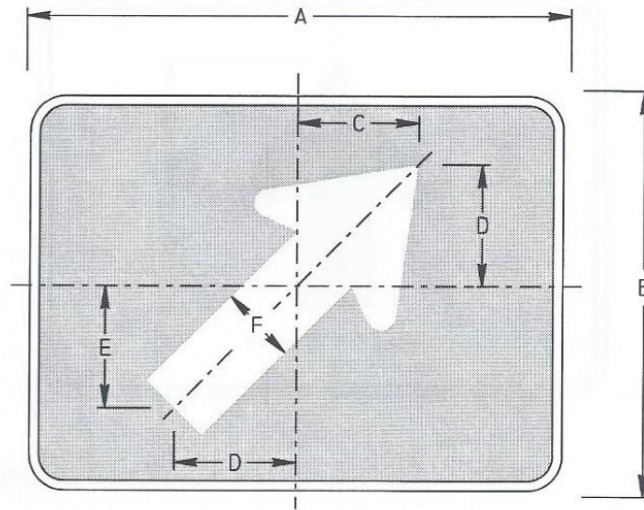
M6-2-1R

INTERSTATE 45 DEGREE RIGHT TURN MARKER

The Interstate 45 Degree Right Turn Marker (M6-2-1R) 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 M6-2-1R marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	142 (5.7)	128 (5.1)	115 (4.6)	65 (2.6)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	205 (8.2)	150 (6)	110 (4.4)	95 (3.8)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

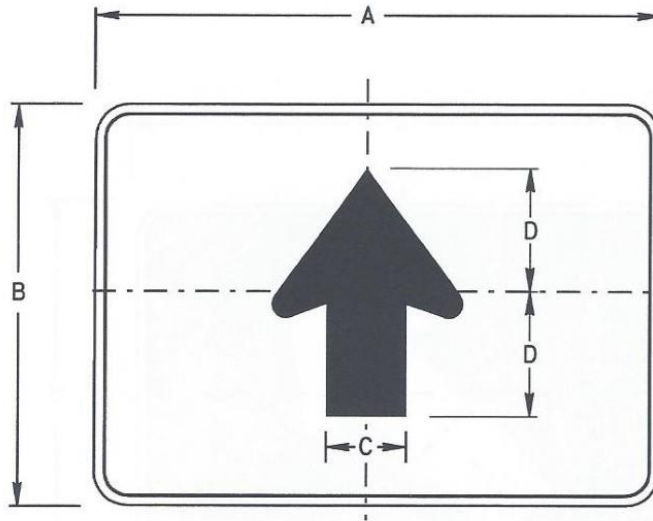
M6-3

STRAIGHT THROUGH MARKER

The Straight Through Marker (M6-3) 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 M6-3 marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	65 (2.6)	123 (4.9)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	95 (3.8)	165 (6.6)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

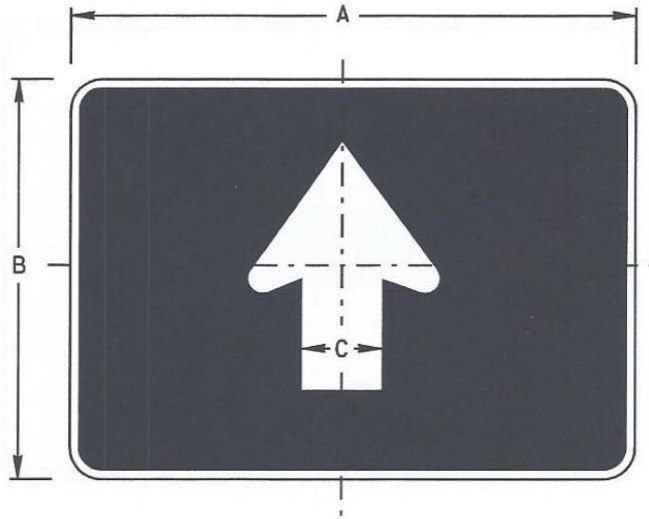
M6-3-1

INTERSTATE STRAIGHT THROUGH MARKER

The Interstate Straight Through Marker (M6-3-1) 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 M6-3-1 marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)				
SIGN SIZE A x B	C	D	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	65 (2.6)	123 (4.9)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	95 (3.8)	165 (6.6)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

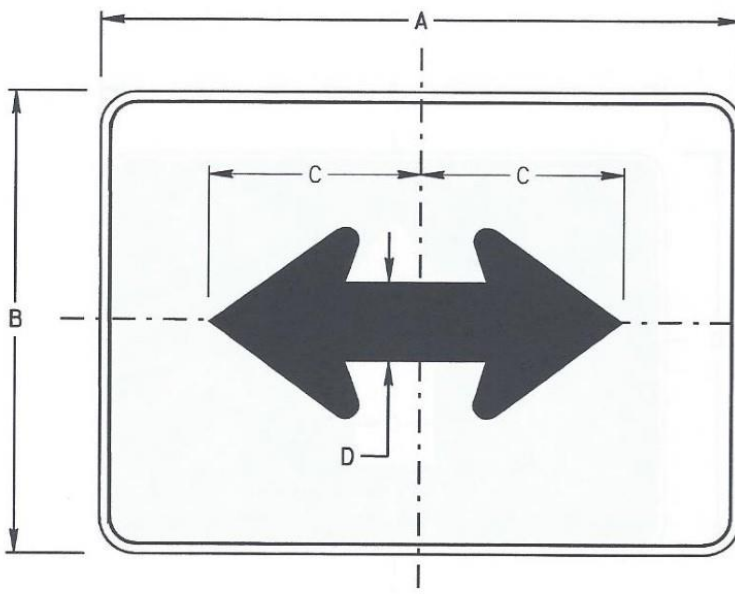
M6-4

90 DEGREE RIGHT AND LEFT TURN MARKER

The 90 Degree Right and Left Turn Marker (M6-4) 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 M6-4 marker shall be placed directly below the route marker.

The 525 mm by 375 mm (21" x 15") size shall be used with the 600 mm by 600 mm (24" x 24") and the 750 mm by 600 mm (30" x 24") route markers. The 750 mm by 450 mm (30" x 18") size shall be used with the 900 mm by 900 mm (36" x 36") and the 1125 mm by 900 mm (45" x 36") route markers.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	MAR- GIN	BOR- DER	BLANK STD.
525 x 375 (21" x 15")	190 (7.6)	65 (2.6)	10 (0.4)	15 (0.6)	B5-525375 (B5-2115)
750 x 450 (30" x 18")	270 (10.8)	95 (3.8)	10 (0.4)	15 (0.6)	B5-750450 (B5-3018)

COLOR:

ARROW AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

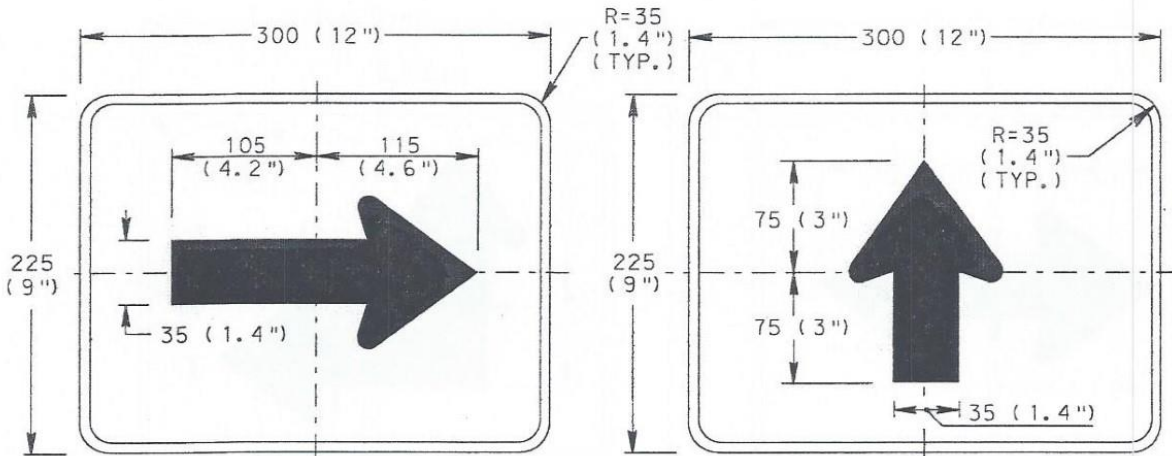
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

M7-1 THROUGH M7-4

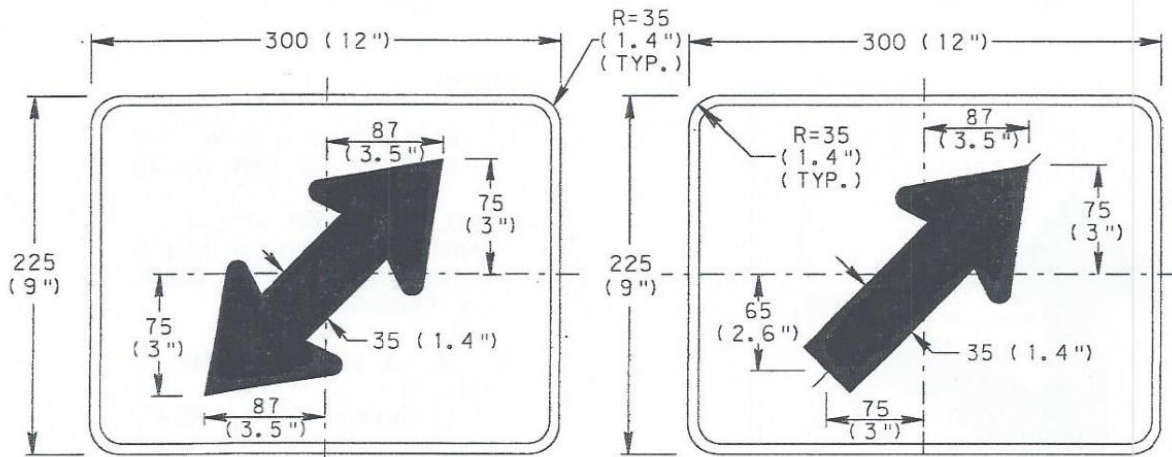
(SUPPLEMENTAL PLAQUES FOR BICYCLE ROUTE SIGNS)

Where desired, supplemental plaques may be used with the Bicycle Route Sign (D11-1) to furnish additional directional guidance. When used, the M4-11 through M4-13 signs should be mounted above the D11-1 sign, and the M7-1 through M7-7 signs should be mounted below the D11-1 sign. The mirror image of the M7-1, M7-3, M7-4, M7-6 or M7-7 is also authorized.



M7-1

M7-2



M7-3

M7-4

NOTES:

1. SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. ENGLISH UNITS IN PARENTHESIS ().
3. FOR ALL SIGNS ON THIS SHEET:

MARGIN = 10 mm (0.4")
 BORDER = 10 mm (0.4").

COLOR:

ARROW AND BORDER:
 WHITE (REFLECTORIZED)

BACKGROUND:
 GREEN (REFLECTORIZED)

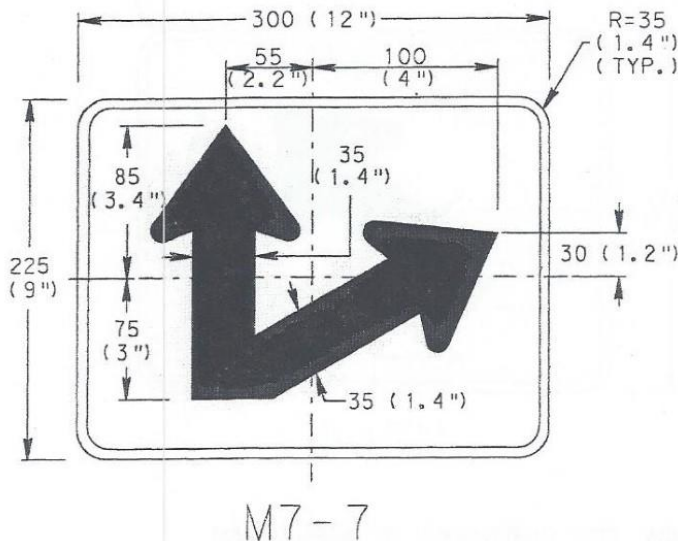
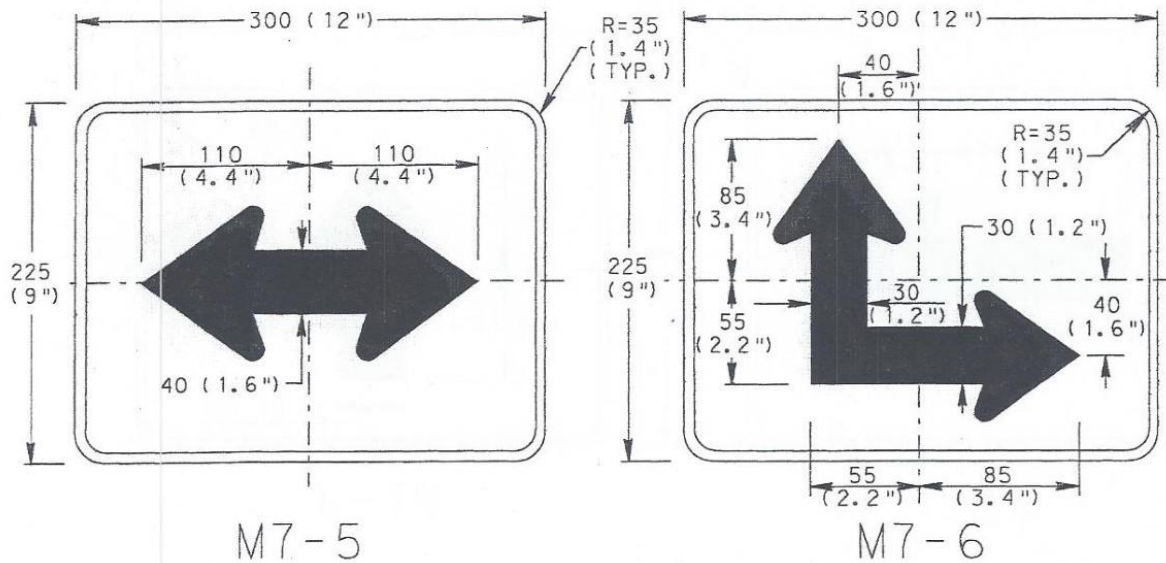
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 06-30-08
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

M7-5 THROUGH M7-7

(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 M4-11 through M4-13 signs should be mounted above the D11-1 sign, and the M7-1 through M7-7 signs should be mounted below the D11-1 sign. The mirror image of the M7-1, M7-3, M7-4, M7-6 or M7-7 is also authorized.



NOTES:

1. SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. ENGLISH UNITS IN PARENTHESIS ().
3. FOR ALL SIGNS ON THIS SHEET:
 MARGIN = 10 mm (0.4")
 BORDER = 10 mm (0.4").

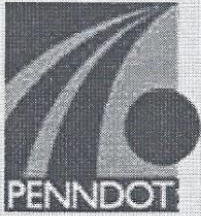
COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By: Alan C. Rowe Date: 06-30-08
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering



Destination

and

Distance

Signs

(D-Series)

Pub 236M

(1-06)

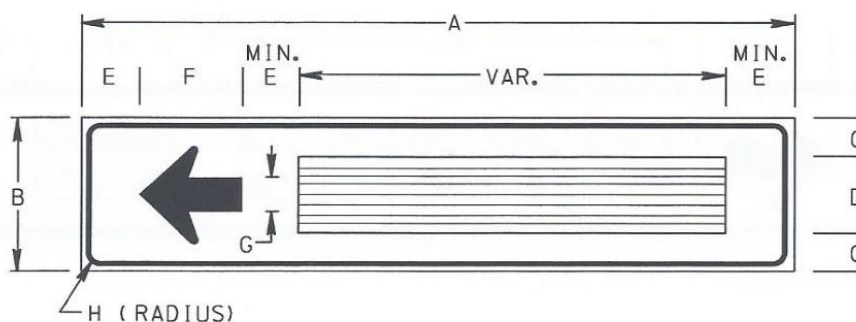
D1-1

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 1800 mm by 300 mm (72" x 12"). The 1200 mm by 200 mm (48" x 8") size may be used on minor highways and urban streets.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 200 (48" x 8")	50 (2)	100* (4)	75 (3)	135 (5.4)	45 (1.8)	10 (0.4)	10 (0.4)	10 (0.4)	—
1800 x 300 (72" x 12")	75 (3)	150* (6)	100 (4)	205 (8.2)	70 (2.8)	20 (0.8)	10 (0.4)	15 (0.6)	—

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

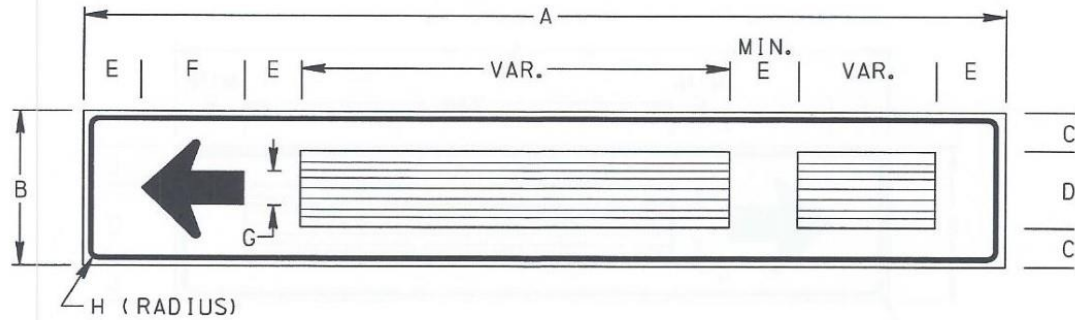
D1-1A

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 1800 mm by 300 mm (72" x 12"). The 1200 mm by 200 mm (48" x 8") size may be used on minor highways and urban streets.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 200 (48" x 8")	50 (2)	100* (4)	75 (3)	135 (5.4)	45 (1.8)	10 (0.4)	10 (0.4)	10 (0.4)	—
1800 x 300 (72" x 12")	75 (3)	150* (6)	100 (4)	205 (8.2)	70 (2.8)	20 (0.8)	10 (0.4)	15 (0.6)	—

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

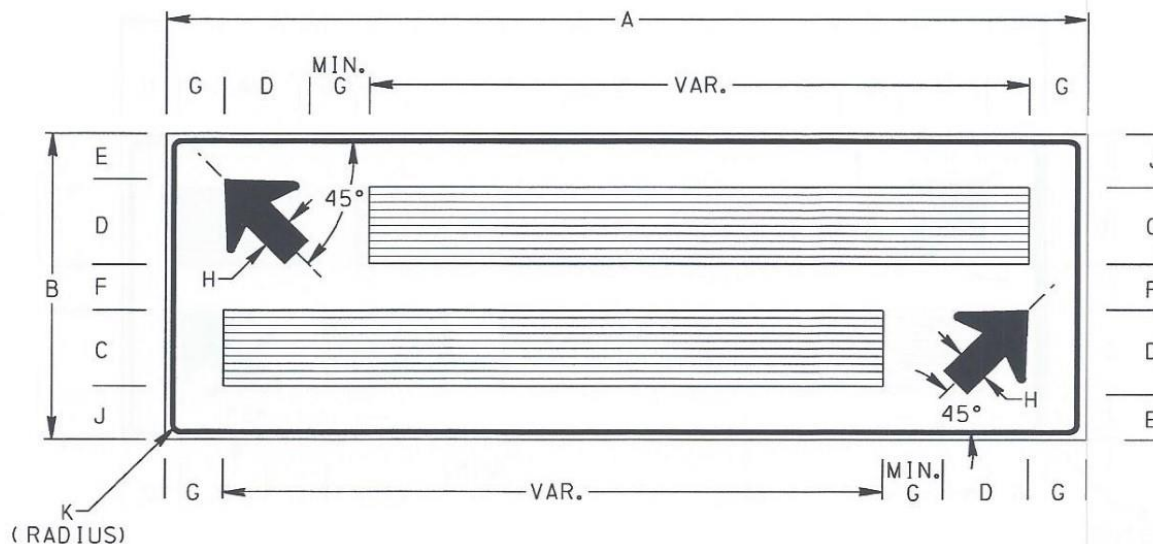
D1-2

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 1800 mm by 600 mm (72" x 24"). The 1200 mm by 400 mm (48" x 16") size may be used on minor highways and urban streets.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.	
1200 x 400 (48" x 16")	100* (4)	115 (4.6)	60 (2.4)	55 (2.2)	75 (3)	45 (1.8)	70 (2.8)	10 (0.4)	10 (0.4)	10 (0.4)	—	
1800 x 600 (72" x 24")	150* (6)	180 (7.2)	95 (3.8)	65 (2.6)	100 (4)	70 (2.8)	110 (4.4)	20 (0.8)	10 (0.4)	15 (0.6)	—	

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

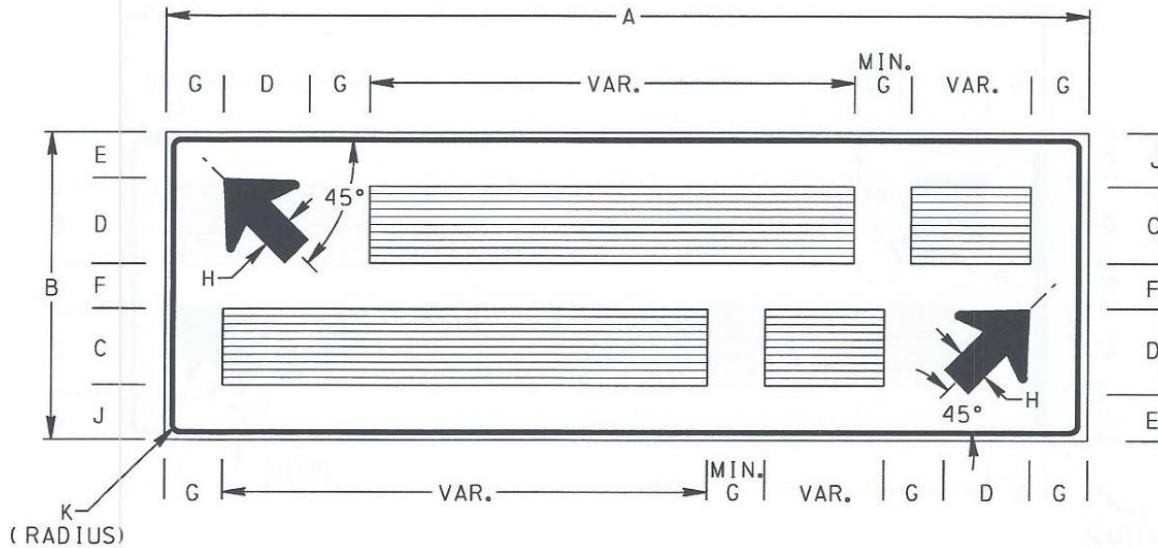
D1-2A

DOUBLE-LINE DESTINATION MILEAGE SIGN

(a) Justification. The Double-Line Destination Mileage Sign (D1-2A) shall be authorized for use to indicate the direction and distance to cities, boroughs and villages, etc.

(b) Placement. The D1-2A sign should generally be placed in advance of an intersection.

(c) Size. The standard size of D1-2A sign shall be 1800 mm by 600 mm (72" x 24"). The 1200 mm by 400 mm (48" x 16") size may be used on minor highways and urban streets.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.	
1200 x 400 (48" x 16")	100* (4)	115 (4.6)	60 (2.4)	55 (2.2)	75 (3)	45 (1.8)	70 (2.8)	10 (0.4)	10 (0.4)	10 (0.4)	—	
1800 x 600 (72" x 24")	150* (6)	180 (7.2)	95 (3.8)	65 (2.6)	100 (4)	70 (2.8)	110 (4.4)	20 (0.8)	10 (0.4)	15 (0.6)	—	

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

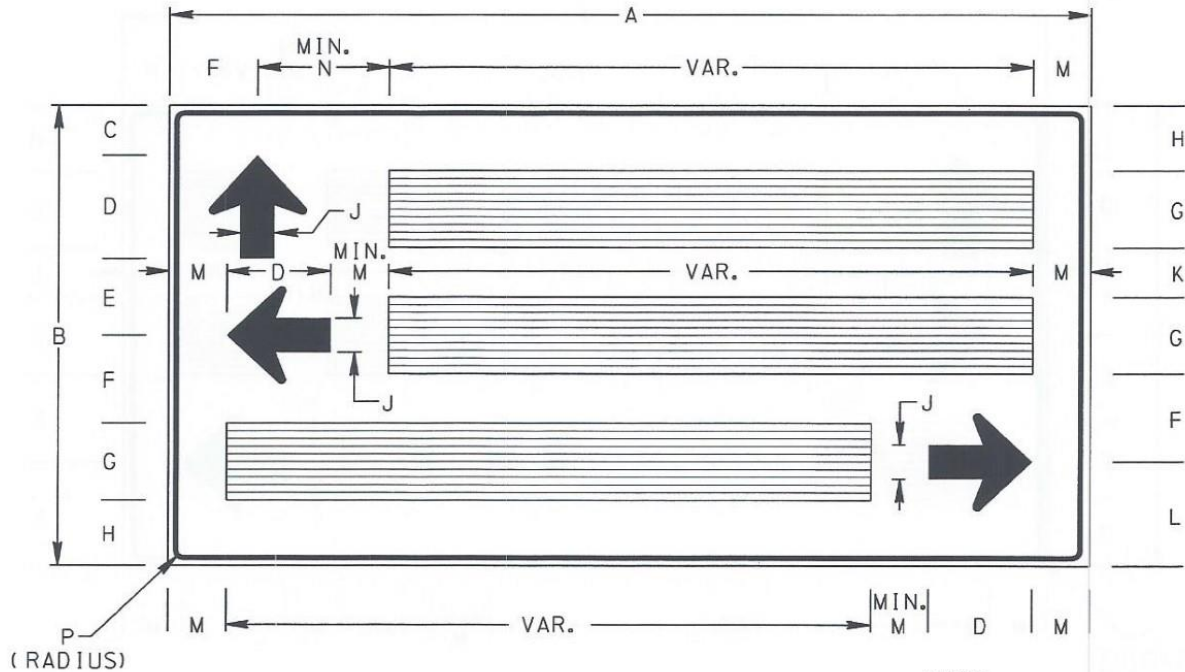
D1-3

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 1800 mm by 900 mm (72" x 36"). The 1200 mm by 600 mm (48" x 24") size may be used on minor highways and urban streets.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	65 (2.6)	135 (5.4)	100 (4)	115 (4.6)	100* (4)	85 (3.4)	45 (1.8)	65 (2.6)	135 (5.4)	75 (3)	135 (5.4)	10 (0.4)	10 (0.4)	10 (0.4)	—
1800 x 900 (72" x 36")	95 (3.8)	205 (8.2)	150 (6)	175 (7)	150* (6)	125 (5)	70 (2.8)	100 (4)	200 (8)	100 (4)	195 (7.8)	20 (0.8)	10 (0.4)	15 (0.6)	—

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

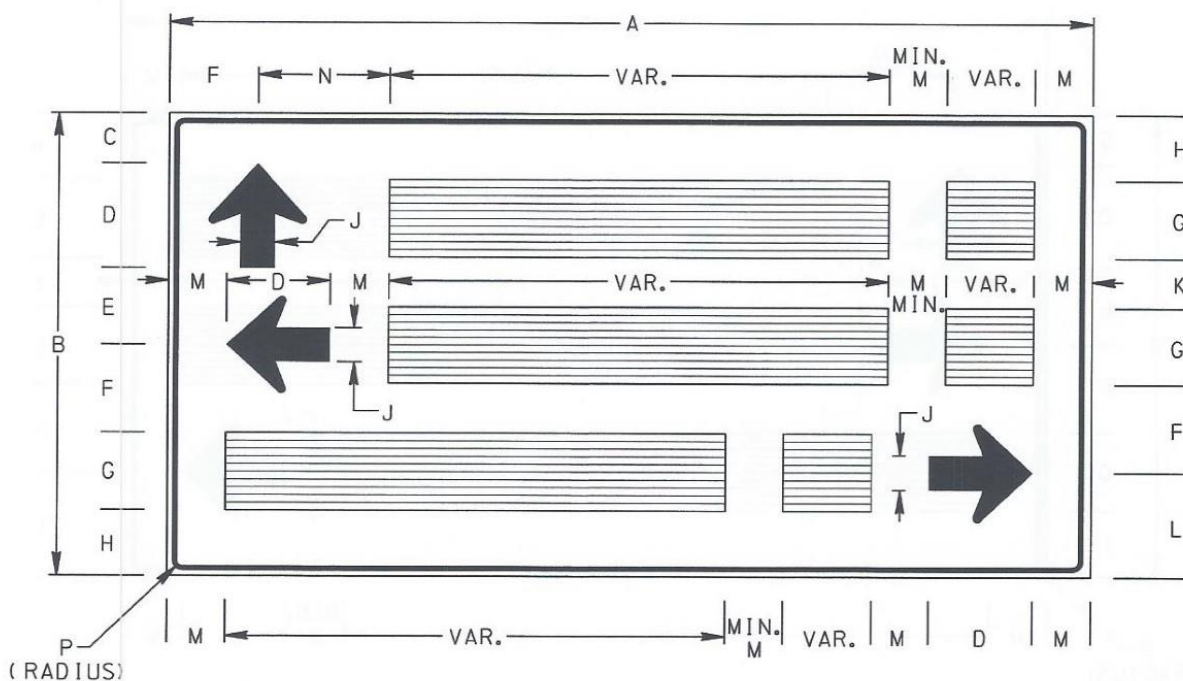
D1-3A

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 1800 mm by 900 mm (72" x 36"). The 1200 mm by 600 mm (48" x 24") size may be used on minor highways and urban streets.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)																
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	MAR- GIN	BOR- DER	BLANK STD.	
1200 x 600 (48" x 24")	65 (2.6)	135 (5.4)	100 (4)	115 (4.6)	100* (4)	85 (3.4)	45 (1.8)	65 (2.6)	135 (5.4)	75 (3)	135 (5.4)	10 (0.4)	10 (0.4)	10 (0.4)	---	
1800 x 900 (72" x 36")	95 (3.8)	205 (8.2)	150 (6)	175 (7)	150* (6)	125 (5)	70 (2.8)	100 (4)	200 (8)	100 (4)	195 (7.8)	20 (0.8)	10 (0.4)	15 (0.6)	---	

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

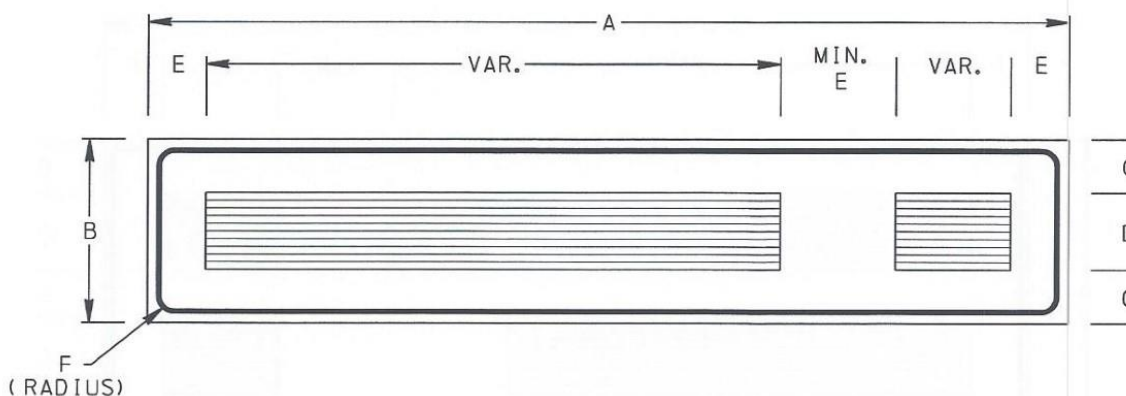
D2-1

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 1800 mm by 300 mm (72" x 12"). The 1200 mm by 200 mm (48" x 8") size may be used on minor highways and urban streets.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.	
1200 x 200 (48" x 8")	50 (2)	100* (4)	75 (3)	10 (0.4)	10 (0.4)	10 (0.4)	—	
1800 x 300 (72" x 12")	75 (3)	150* (6)	100 (4)	20 (0.8)	10 (0.4)	15 (0.6)	—	

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

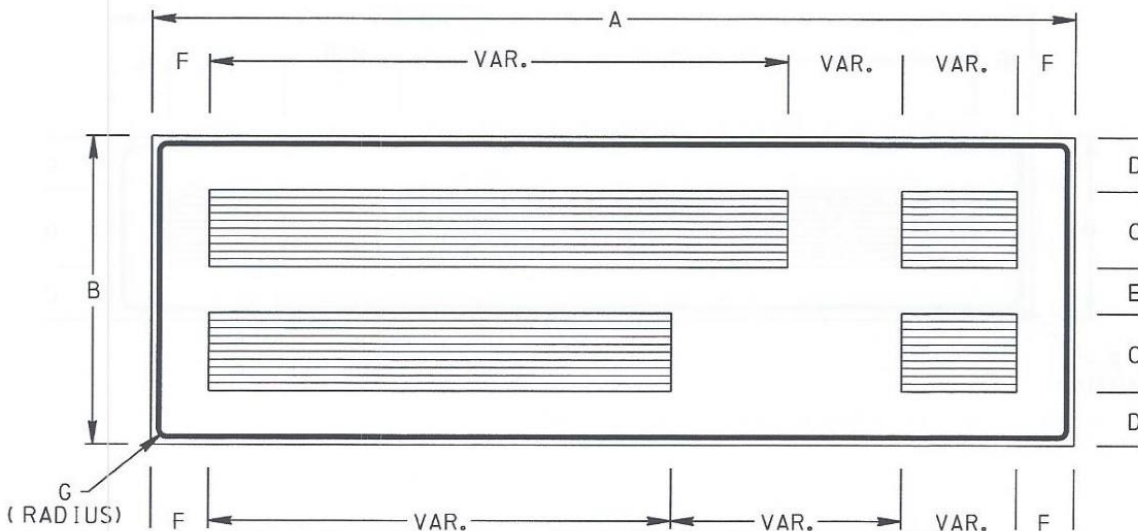
D2-2

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 1800 mm by 600 mm (72" x 24"). The 1200 mm by 400 mm (48" x 16") size may be used on minor highways and urban streets.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 400 (48" x 16")	100* (4)	70 (2.8)	60 (2.4)	75 (3)	10 (0.4)	10 (0.4)	10 (0.4)	—
1800 x 600 (72" x 24")	150* (6)	110 (4.4)	80 (3.2)	100 (4)	20 (0.8)	10 (0.4)	15 (0.6)	—

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

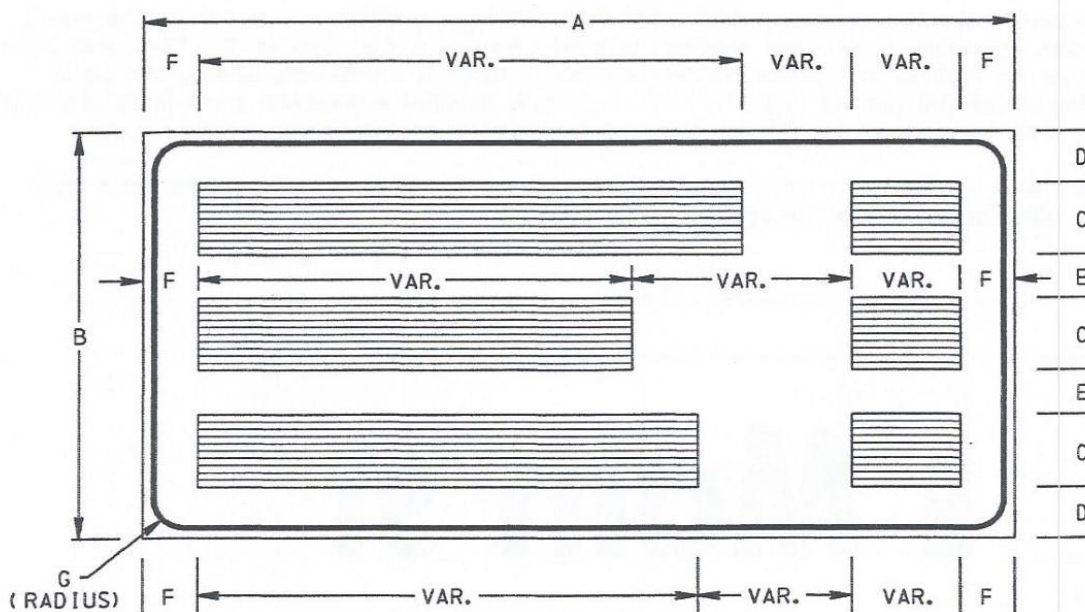
D2-3

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 1800 mm by 900 mm (72" x 36"). The 1200 mm by 600 mm (48" x 24") size may be used on minor highways and urban streets.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	100* (4)	85 (3.4)	65 (2.6)	75 (3)	10 (0.4)	10 (0.4)	10 (0.4)	—
1800 x 900 (72" x 36")	150* (6)	125 (5)	100 (4)	100 (4)	20 (0.8)	10 (0.4)	15 (0.6)	—

* CHOOSE UPPER / LOWER CASE CLEARVIEWHWY FONT SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rawe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 0.3 m (1'), and preferably 0.6 m (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.

The standard for street name lettering shall be 150 mm (6") high upper/lower-case letters. 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, at least 100 mm (4") high. For roads functionally classified as local with speed limits of 40km/h (25mph) or less, the lettering may be 100 mm (4") high upper and lower case letters.

The street name sign should be reflectorized or illuminated and should have a white legend on a green background or other contrasting colors as approved by the Department.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	F	G
VAR. x 150 (VAR. x 6")	100* (4*)	25 (1)	75* (3*)	50 (2)	25 (1)
VAR. x 200 (VAR. x 8")	150* (6*)	25 (1)	100* (4*)	75 (3)	35 (1.4)

* CHOOSE UPPER / LOWER CASE
CLEARVIEWHWY FONT FOR BEST FIT

NOTE:
WHEN DESCENDING LOWER-CASE LEGEND (e.g., g, j, p, q AND y)
CANNOT BE ACCOMMODATED ON A STANDARD SIZE 6" OR 8" SIGN
BLANK; THE HEIGHT OF THE BLANK SHOULD BE INCREASED BY
2" TO ACCOMMODATE THESE LETTERS.

COLOR:

LEGEND:

WHITE (REFLECTORIZED)

BACKGROUND:

GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

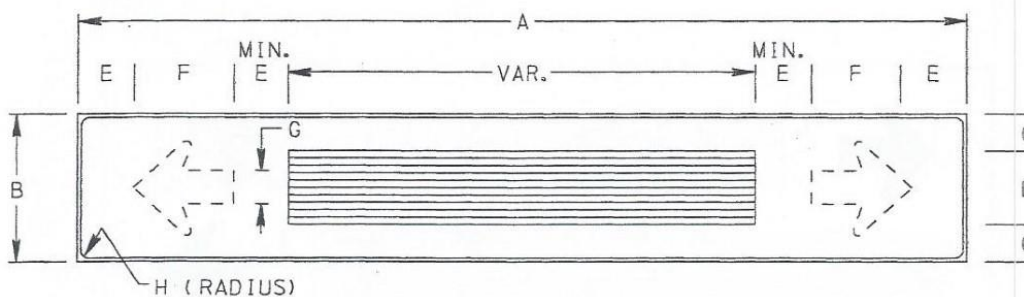
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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. A single arrow may be used if the name only applies in one direction.

(b) Size. The standard size of D3-2 sign shall be 1200 mm by 200 mm (48" x 8").



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER	BLANK STD.
1200 x 200 (48" x 8")	50 (2)	100* (4)	75 (3)	135 (5.4)	45 (1.8)	10 (0.4)	12 (0.5)	—
1800 x 300 (72" x 12")	75 (3)	150* (6)	100 (4)	205 (8.2)	70* (2.8)	20 (0.8)	15 (0.6)	—

*CHOOSE UPPER/LOWER CASE ClearviewHwy FONT FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

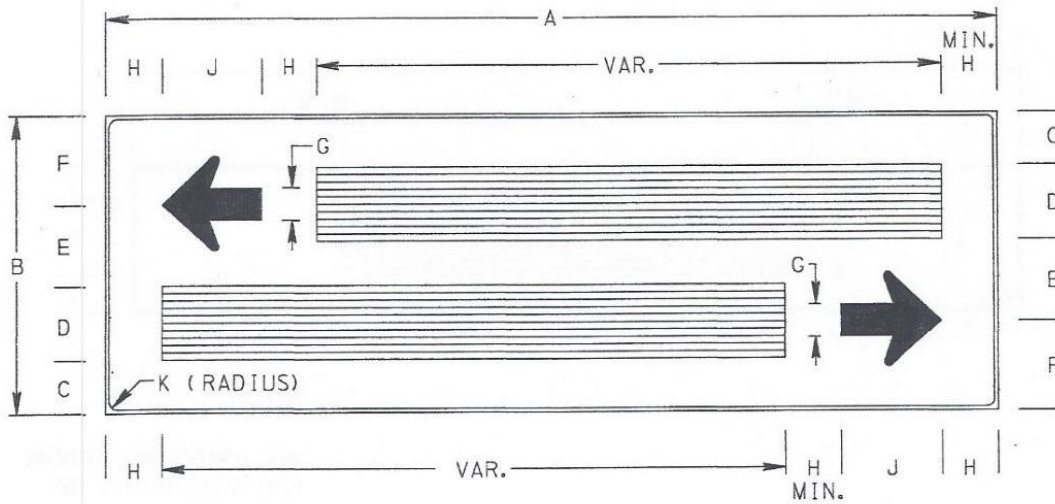
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.

(b) Size. The standard size of D3-3 sign shall be 1200 mm by 400 mm (48" x 16").



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	BOR- DER	BLANK STD.
1200 x 400 (48" x 16")	70 (2.8)	100* (4)	110 (4.4)	120 (4.8)	45 (1.8)	75 (3)	135 (5.4)	10 (0.4)	10 (0.4)	—
1800 x 600 (72" x 24")	110 (4.4)	150* (6)	155 (6.2)	185 (7.4)	70 (2.8)	100 (4)	205 (8.2)	20 (0.8)	15 (0.6)	—

* CHOOSE UPPER/LOWER CASE ClearviewHwy FONT FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D3-4

SINGLE-LINE OVERHEAD STREET NAME SIGN

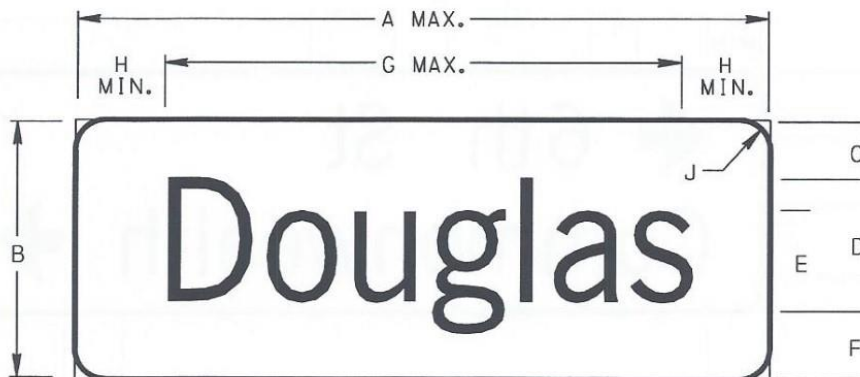
The Single-Line Overhead Street Name Sign (D3-4) may be mounted overhead at signalized intersections to identify the name of a side road, or the name of the cross road where both legs of the cross road have the same street name. Messages should conform with the Department's "Name Usage and Abbreviation Guide for Street Name Signs."

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, but the sign width should not exceed the specified maximum. The legend should be "Clearview 1W, 2W or 3W" font, of the highest series possible. For long street names where the legend would otherwise exceed the specified maximum legend length (i.e., the appropriate "G" value in the table), the width of the characters and the spacings between characters may be compressed up to 35 percent, as necessary, in order to satisfy the maximum "G" value.

The smallest size sign may be used on any traffic signal approach with a 25 mph speed limit. The largest size sign, is recommended on all multilane major arterials and on all roadways with a speed limit of 40 mph and greater.

Although a standard sign blank is not specified, 2.03 mm (0.08") aluminum should be used.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER
1800 x 300 (72" x 12")	56 (2.2)	150 (6)	112 (4.4)	94 (3.8)	1600 (64)	100 (4)	47 (1.8)	15 (0.6)
2400 x 400 (96" x 16")	75 (3)	200 (8)	150 (6)	125 (5)	2150 (86)	125 (5)	63 (2.5)	20 (0.8)
2400 x 400 (96" x 16")	50 (2)	265 (10.6)	200 (8)	83 (3.3)	2250 (90)	75 (3)	-	-

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D3-5

DOUBLE-LINE OVERHEAD STREET NAME SIGN

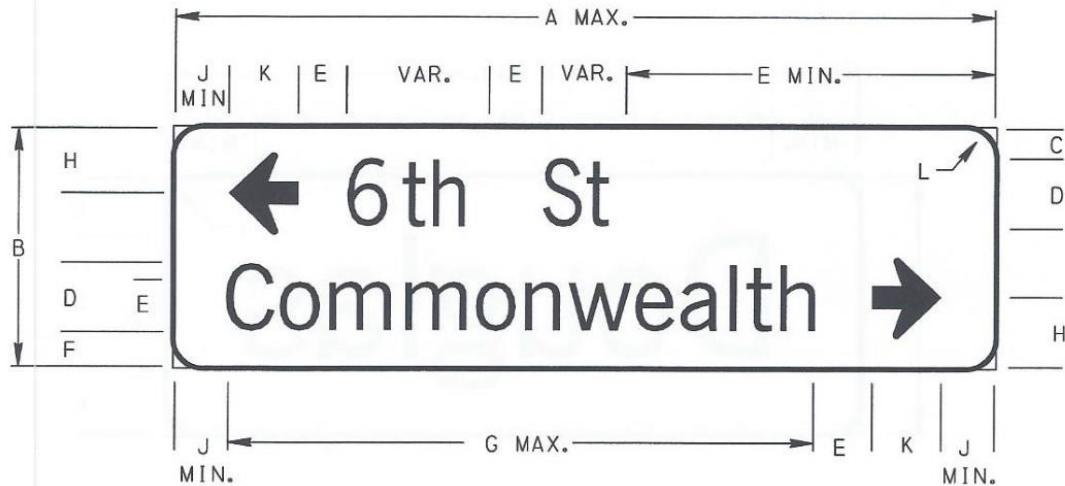
The Double-Line Overhead Street Name Sign (D3-5) may be mounted overhead at signalized intersections to identify the name of the cross road where each leg of the cross road has a different street name.

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 systematically throughout the municipality.

The D3-5 sign may vary in width as necessary to accommodate the required legend, but the sign width should not exceed the specified maximum. The legend should be "Clearview 1W, 2W or 3W" font, of the highest series possible. For long street names where the legend would otherwise exceed the specified maximum legend length (i.e., the appropriate "G" value in the table), the width of the characters and the spacings between characters may be compressed up to 35 percent, as necessary, in order to satisfy the maximum "G" value.

The smallest size sign may be used on any traffic signal approach with a 25 mph speed limit. The largest size sign, is recommended on all multilane major arterials and on all roadways with a speed limit of 40 mph and greater.

Although a standard sign blank is not specified, 2.03 mm (0.08") aluminum should be used.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER
1800 x 525 (72" x 21")	56 (2.2)	150 (6)	112 (4.4)	94 (3.7)	1331 (53.2)	150 (6)	100 (4)	156 (6.2)	47 (1.8)	15 (0.6)
2400 x 700 (96" x 28")	75 (3)	200 (8)	150 (6)	125 (5)	1794 (71.7)	200 (8)	125 (5)	206 (8.2)	63 (2.5)	20 (0.8)
2400 x 800 (96" x 32")	50 (2)	265 (10.6)	200 (8)	83 (3.3)	1794 (71.7)	200 (8)	75 (3)	256 (10.2)	-	-

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D4-1

PARKING AREA SIGN

(a) Justification. The Parking Area Sign (D4-1) shall be authorized for use in an urban area to guide traffic to a nearby public parking area, thus minimizing aimless travel on the part of drivers unacquainted with the area. Under some circumstances the sign may be useful in rural areas where crowds congregate for special events. It may also be used in rest areas to direct traffic to desired parking locations

(b) Placement. The D4-1 sign should be placed on major thoroughfares at the nearest point of access to the nearest point of access to the parking facility and elsewhere where it can help relieve the local streets of traffic seeking a place to park. Generally it should not be used more than three or four blocks from the parking area.

(c) Size. The standard size of D4-1 sign shall be 750 mm by 600 mm (30" x 24"). The 450 mm by 375 mm (18" x 15") size may be used on minor highways in urban areas.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
450 x 375 (18" x 15")	65 (2.6)	50D (2)	60 (2.4)	250D (10)	40 (1.6)	88 (3.5)	155 (6.1)	130 (5.2)	10 (0.4)	10 (0.4)	-
750 x 600 (30" x 24")	115 (4.6)	75E (3)	100 (4)	375E (15)	65 (2.6)	150 (6)	275 (10.7)	180 (7.2)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 450 mm (18"). When used, the transit logo should be in the upper left corner and the carpool symbol in the upper right corner.

(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 900 mm by 1200 mm (36" x 48"). The 750 mm by 900 mm (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 OF ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
750 x 900 (30" x 36")	75 (3)	225 (9)	75 (3)	100D (4)	125 (5)	188 (7.5)	271 (10.7)	143 (5.6)	175 (7)	35 (1.4)	15 (0.6)	B5-750900 (B5-3036)
900 x 1200 (36" x 48")	100 (4)	275 (11)	75 (3)	150D (6)	175 (7)	225 (9)	381 (15.1)	215 (8.5)	225 (9)	55 (2.2)	20 (0.8)	B5-9001200 (B5-3648)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

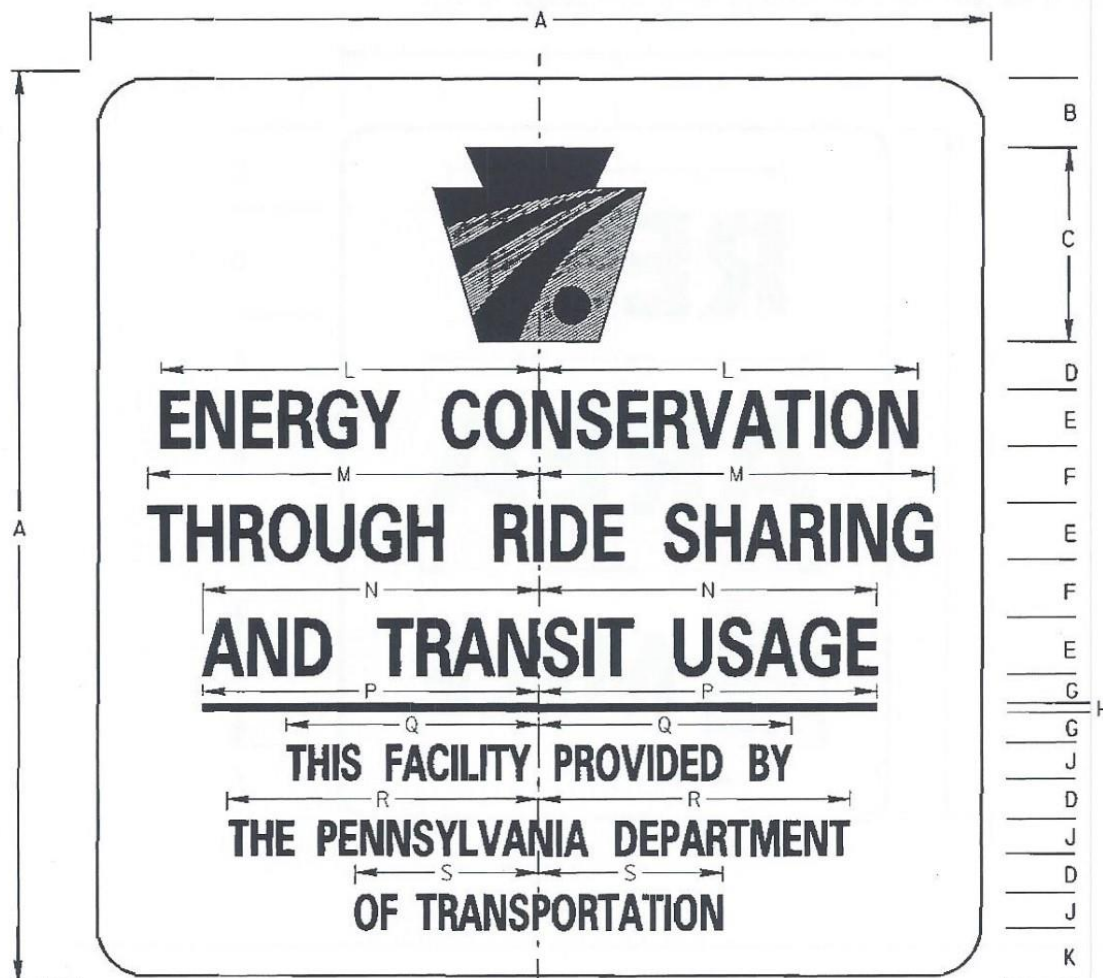
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D4-10

DEPARTMENT RIDE SHARING PARKING LOT SIGN

The Department Ride Sharing Parking Lot Sign (D4-10) shall be authorized for use at the entrance to Department-owned public parking lots to advise motorists of the purpose of the lot.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	J	
1200 x 1200 (48" x 48")	67 (2.6)	300 (12)	50 (2)	75C (3C)	75 (3)	40 (1.6)	10 (0.4)	50B (2B)	

DIMENSIONS - mm (IN)										
SIGN SIZE A x A	K	L	M	N	P	Q	R	S	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	68 (2.7)	506 (20)	534 (21)	462 (18.2)	450 (18)	355 (14)	399 (15.7)	246 (9.7)	10 (0.4)	B3-1200 (B3-48)

COLOR:

LOGO:

BLUE/GREEN (REFLECTORIZED)

LEGEND AND BORDER:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

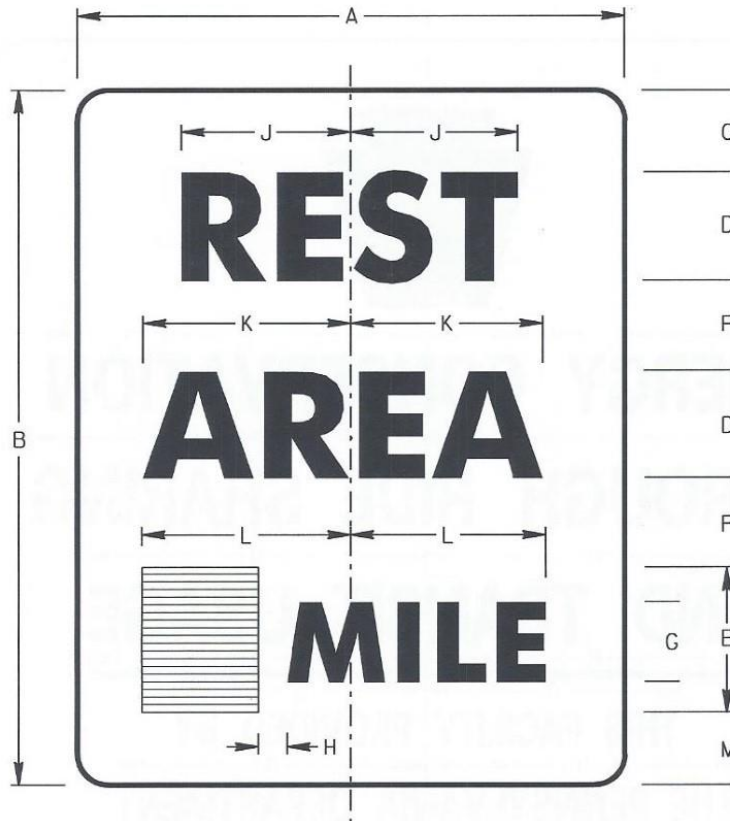
By: *James P. Unsworth* Date: 2-1-2010
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

D5-1

REST AREA () MILE SIGN

(a) Justification. The Rest Area () Mile Sign (D5-1) shall be authorized for use in advance of a rest area where there are provided facilities for a number of vehicles to park, picnic tables, water and toilets.

(b) Placement. The D5-1 sign shall be placed in advance of the rest area a distance which will permit the motorist to reduce speed and leave the highway safely if he desires to stop.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	85 (3.4)	150C (6C)	150C (6C)	65 (2.6)	100C (4C)	50 (2)	201 (7.9)	212 (8.4)	246 (9.8)	85 (3.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	165 (6.6)	200C (8C)	225C (9C)	125 (5)	150C (6C)	75 (3)	269 (10.6)	284 (11.2)	369 (14.7)	160 (6.4)	25 (1)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D5-2

REST AREA ENTRANCE SIGN

The Rest Area Entrance Sign (D5-2) shall be authorized for use at the entrance to a rest area.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
1500 x 600 (60" x 24")	100 (4)	150E (6E)	340 (13.6)	110 (4.4)	500 (20)	210 (8.4)	285 (11.2)	315 (12.4)	100 (4)	25 (1)	B5-1500600 (B5-6024)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

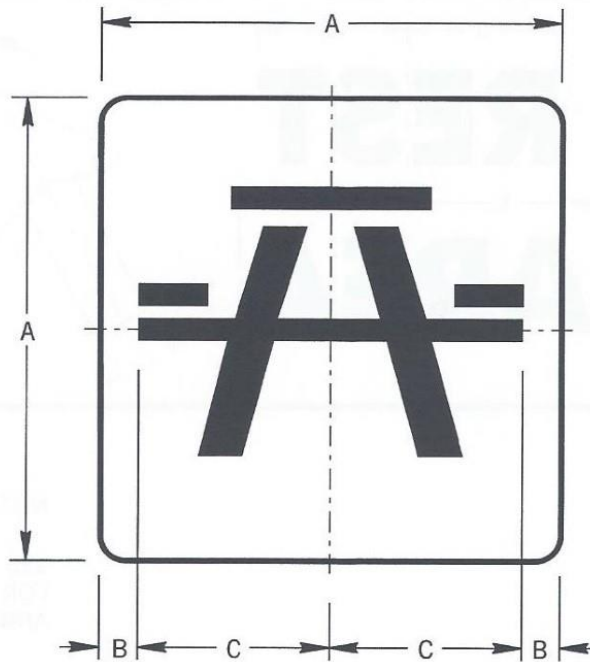
D5-5A

ROADSIDE TABLE SIGN

(a) Justification. The Roadside Table Sign (D5-5A) shall be authorized for use in advance of a roadside area at which a picnic table has been placed to accommodate travelers. It should not be used in advance of a roadside rest.

The D5-5-1 sign shall be mounted below this sign indicating the distance to the roadside table.

(b) Placement. The D5-5A sign should be placed only on the same side of the highway as the roadside table. It should not be used to direct the motorist to a roadside table on the left of the highway where opposing traffic must be crossed.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	250 (10)	15 (0.6)	B3-600 (B3-24)

COLOR:

SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

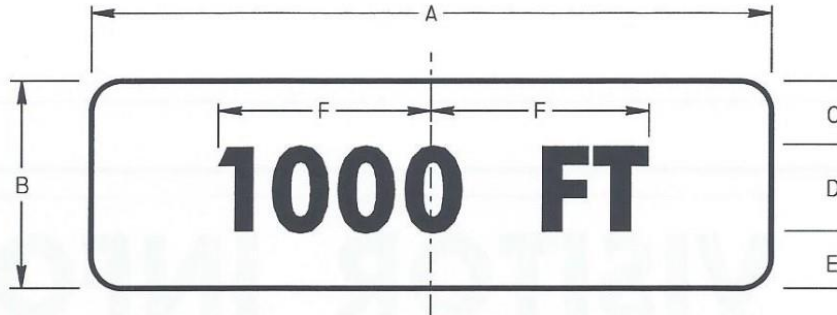
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D5-5-1

() FEET SIGN

The () Feet Sign (D5-5-1) shall be authorized for use below the Roadside Table Sign (D5-5) to indicate the distance to the roadside table. The distance shall be limited to either "500 FT" or "1000 FT".



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	BOR- DER	BLANK STD.	
600 x 150 (24" x 6")	40 (1.6)	75D (3D)	35 (1.4)	202 (8.0)	10 (0.4)	B5-600150 (B5-2406)	

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

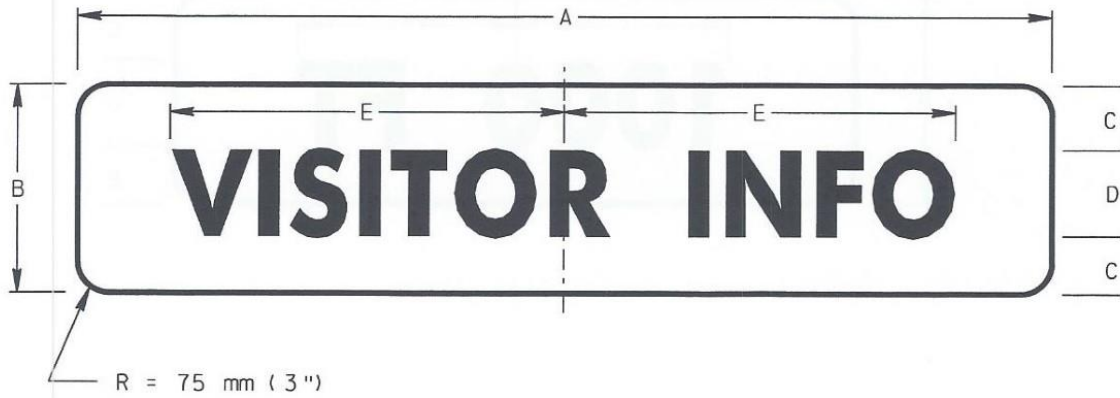
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D5-6-1

VISITOR INFO SIGN

The Visitor Info Sign (D5-6-1) may be used with an advance rest area sign on a freeway or expressway to advise motorists that visitor (tourist) information is available.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	
2400 x 450 (96" x 18")	125 (5)	2000 (80)	893 (35.2)	30	(1.2)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

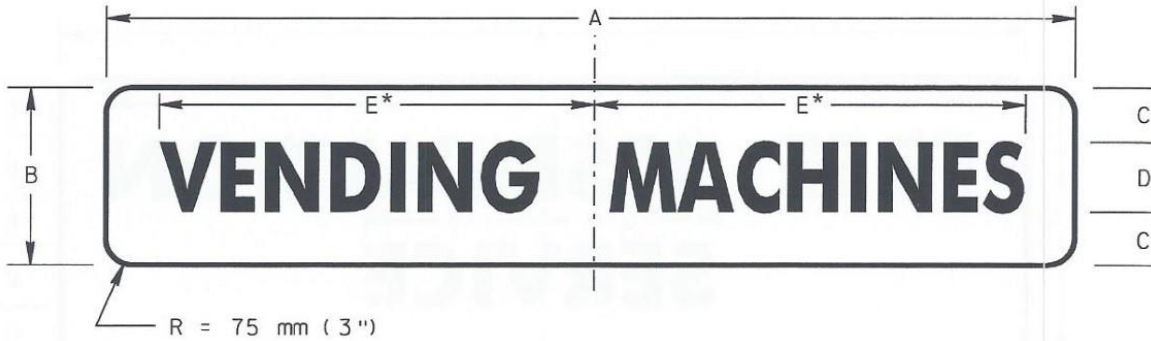
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

D5-6-2

VENDING MACHINES SIGN

The Vending Machines Sign (D5-6-2) may be used with an advance Rest Area or Welcome Center sign on an expressway or freeway to advise motorists that vending machines are available.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	
2400 x 450 (96" x 18")	125 (5)	2000 (80)	1085 (42.7)	25 (1)	

* REDUCE SPACING 10%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

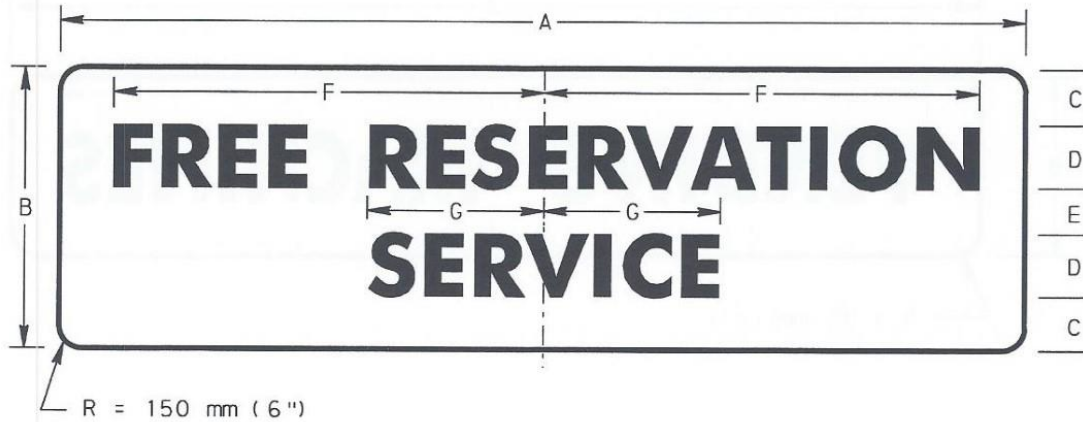
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D5-6-3

FREE RESERVATION SERVICE SIGN

The Free Reservation Service Sign (D5-6-3) may be used with an advance welcome center sign on a freeway or expressway to advise motorists that free reservation service is available.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	BOR- DER	
2400 x 900 (96" x 36")	175 (7)	2000 (80)	150 (6)	1102 (43.4)	456 (17.9)	25 (1)	

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D6-2

ADVANCE SCENIC OVERLOOK SIGN

The Advance Scenic Overlook Sign (D6-2) shall be authorized for use in advance of an area designated by the proper authorities as a scenic overlook. The legend "OVERLOOK" may be replaced with "AREA" or "VIEW" as appropriate.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER	BLANK STD.	
1200 x 900 (48" x 36")	125 (5)	150C (6C)	100C (4C)	286 (11.3)	435 (17.1)	314 (12.4)	20 (0.8)	B5-1200900 (B5-4836)	

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

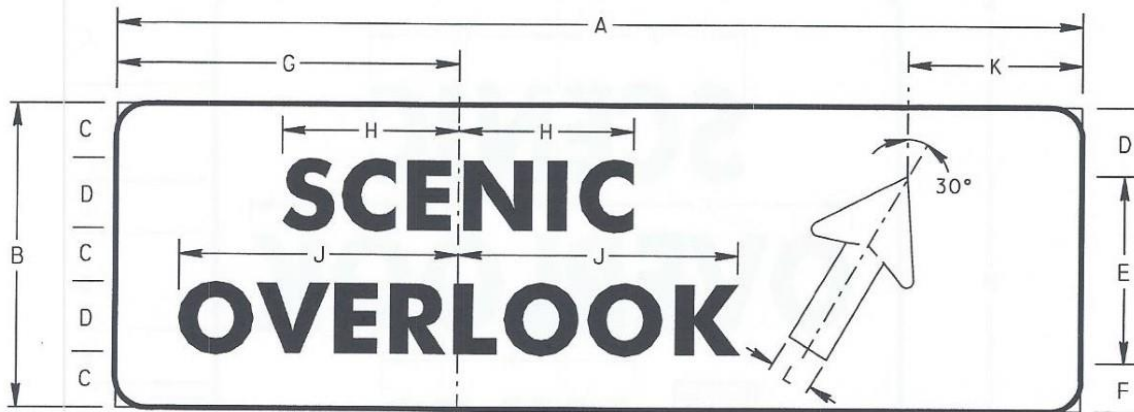
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D6-3

SCENIC OVERLOOK ENTRANCE SIGN

The Scenic Overlook Entrance Sign (D6-3) shall be authorized for use at the entrance to a scenic overlook. The legend "OVERLOOK" may be replaced with "AREA" or "VIEW" as appropriate.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.	
1800 x 600 (72" x 24")	100 (4)	150C (6C)	340 (13.6)	110 (4.4)	650 (26)	286 (11.3)	435 (17.1)	250 (10)	100 (4)	25 (1)	—	

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

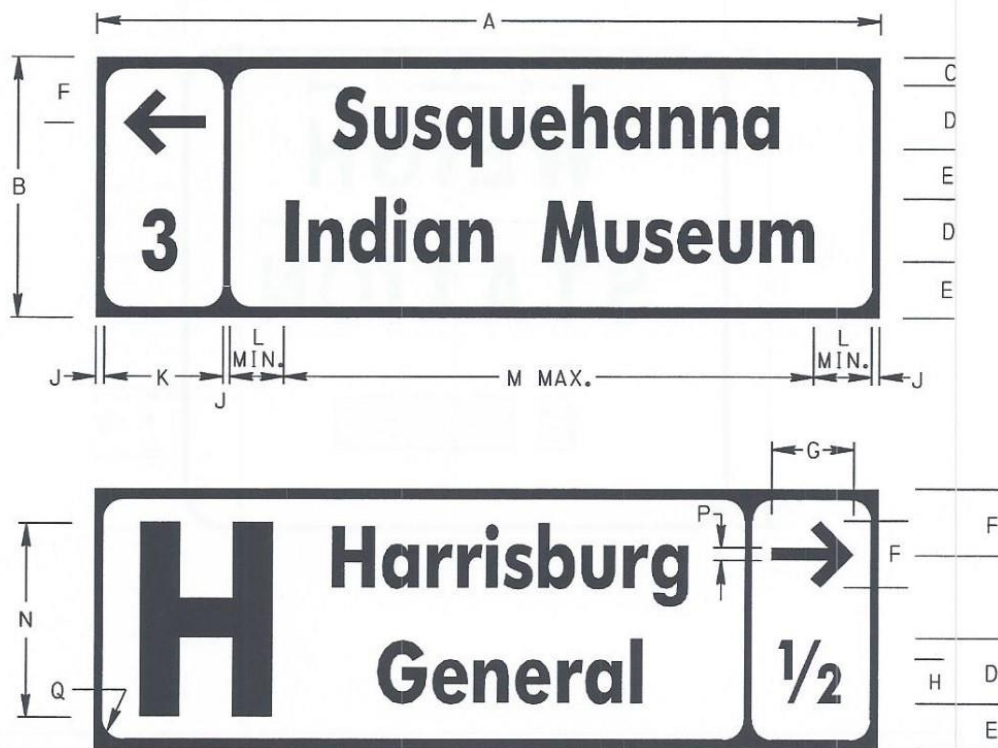
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D7-4

ATTRACTION SIGN

(a) Justification. The Attraction Sign (D7-4) may be used on conventional highways to direct motorists to large tourist attractions in accordance with the Department's Attraction Signing Guidelines. One or two lines of legend may be used to identify the name or abbreviation of the attraction.

(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 should be "Clearview 1W, 2W or 3W" font, 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 - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q
1200 x 400 (48" x 16")	50 (2)	100 (4)	75 (3)	100 (4)	125 (5)	65 (2.6)	15 (0.6)	185 (7.4)	50 (2)	870 (34.8)	275 (11)	20 (0.8)	25 (1)
1800 x 600 (72" x 24")	90 (3.6)	150 (6)	105 (4.2)	165 (6.6)	188 (7.5)	100 (4)	20 (0.8)	280 (11.2)	75 (3)	1310 (52.4)	400 (16)	30 (1.2)	45 (1.8)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

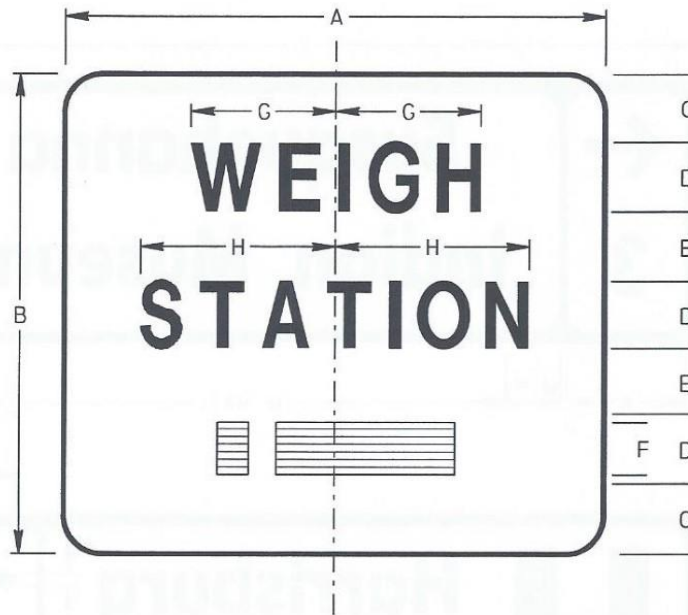
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D8-1

ADVANCE WEIGH STATION SIGN

(a) Justification. The Advance Weigh Station Sign (D8-1) will be authorized for use in advance of a weigh station to alert the operators of trucks that a weigh station is ahead. 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 distance portion of the sign shall be adjusted accordingly. The maximum distance should generally be 1 MILE.

(b) Size. The standard size D8-1 sign shall be 2400 mm by 1800 mm (96" x 72") on freeways, 1950 mm by 1500 mm (78" x 60") on expressways, and 1500 mm by 1200 mm (60" x 48") on all other roadways. The 1500 mm by 1200 mm (60" x 48) size may, however, be used on any type roadway for mobile or semi-permanent weighing operations.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER	BLANK STD.
1500 x 1200 (60" x 48")	150 (6)	200E (8E)	150 (6)	150E (6E)	455 (17.9)	622 (24.5)	20 (0.8)	B5-15001200 (B5-6048)
1950 x 1500 (78" x 60")	200 (8)	250E (10E)	175 (7)	200E (8E)	568 (22.4)	777 (30.7)	30 (1.2)	B5-19501500 (B5-7860)
2400 x 1800 (96" x 72")	225 (9)	300E (12E)	225 (9)	250E (10E)	682 (26.9)	934 (36.8)	35 (1.4)	—

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

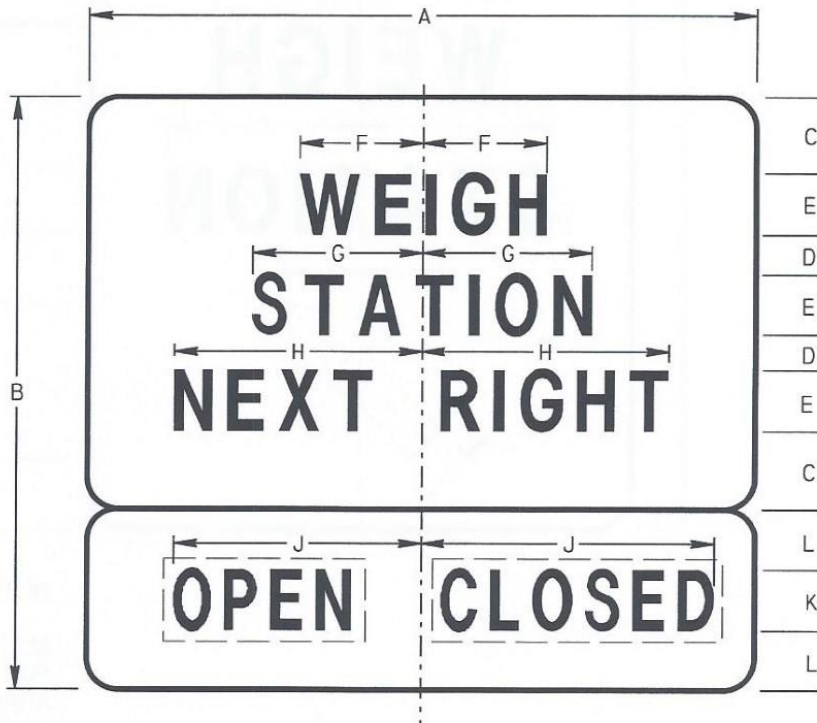
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 2700 mm by 2250 mm (108" x 90") for freeways, 2100 mm by 1800 mm (84" x 72") for expressways, and 1650 mm by 1350 mm (66" x 54") for all other roadways. The 1650 mm by 1350 mm size (66" x 54") may, however, be used on any type roadway for mobile or semi-permanent weighing operations.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
1650 x 1350 (66" x 54")	125 (5)	100 (4)	150E (6E)	341 (13.5)	466 (18.4)	684 (27)	635 (25.1)	150C (6C)	150 (6)	20 (0.8)	---
2100 x 1800 (84" x 72")	150 (6)	150 (6)	200E (8E)	455 (17.9)	622 (24.5)	913 (36)	847 (33.5)	200C (8C)	200 (8)	30 (1.2)	---
2700 x 2250 (108" x 90")	200 (8)	175 (7)	250E (10E)	568 (22.4)	777 (30.7)	1141 (45.1)	1061 (42)	250C (10C)	250 (10)	35 (1.4)	---

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

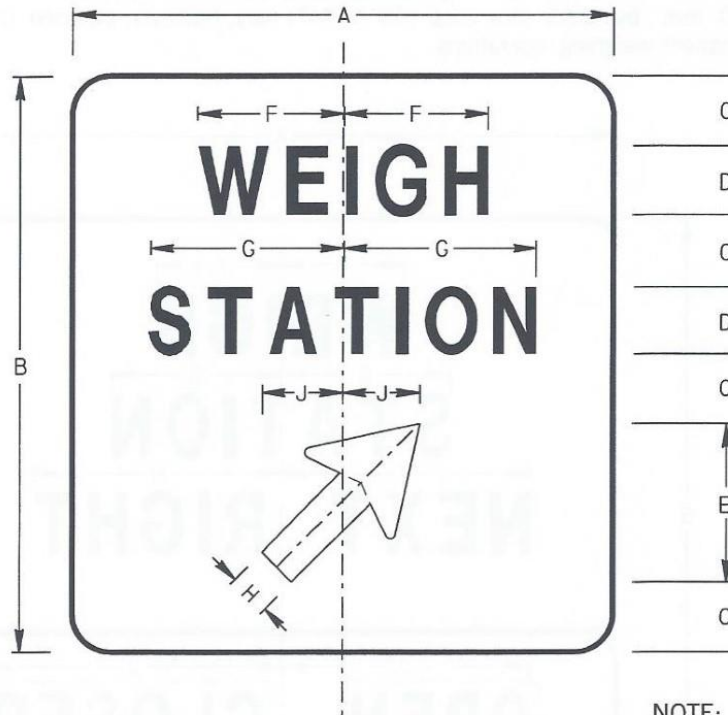
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 2100 mm by 1950 mm (84" x 78") on freeways, and 1650 mm by 1500 mm (66" x 60") on expressways, the 1200 mm by 1050 mm (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 - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
1200 x 1050 (48" x 42")	100 (4)	150E (6E)	350 (14)	341 (13.5)	466 (18.4)	90 (3.6)	175 (7)	25 (1)	—
1650 x 1500 (66" x 60")	150 (6)	200E (8E)	500 (20)	455 (17.9)	622 (24.5)	110 (4.4)	250 (10)	35 (1.4)	—
2100 x 1950 (84" x 78")	200 (8)	250E (10E)	650 (26)	568 (22.4)	777 (30.7)	130 (5.2)	325 (13)	45 (1.8)	—

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

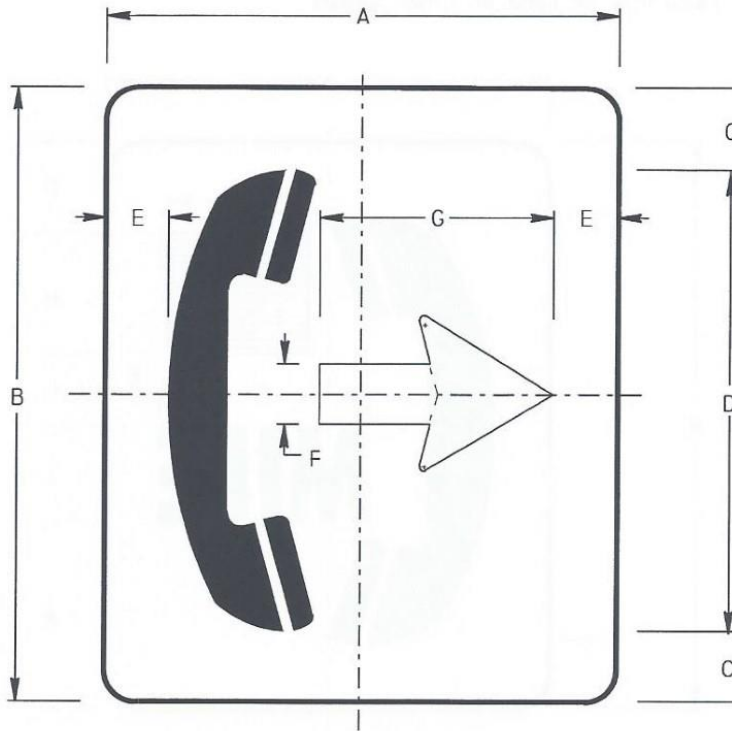
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-1A

TELEPHONE WITH ARROW SIGN

(a) Justification. The Telephone With Arrow Sign (D9-1A) shall be authorized for use to indicate the location of public telephone facilities. Telephone company officials shall obtain approval from the proper authorities before placing this sign on any highway. The left arrow shall be used only on two-lane highways, unless the multiple lane highway has a left turn standby lane or protected left turning movement.

(b) Size. The standard size of sign D9-1A shall be 600 mm by 750 mm (24" x 30"). The 450 mm by 600 mm (18" x 24") size may be used on urban streets.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	35 (1.4)	530 (21.2)	45 (1.8)	50 (2)	205 (8.2)	10 (0.4)	B5-600450 (B5-2418)
600 x 750 (24" x 30")	50 (2)	650 (26)	60 (2.4)	65 (2.6)	260 (10.4)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	60 (2.4)	780 (31.2)	75 (3)	80 (3.2)	330 (13.2)	20 (0.8)	B5-900750 (B5-3630)

COLOR:

SYMBOL, ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

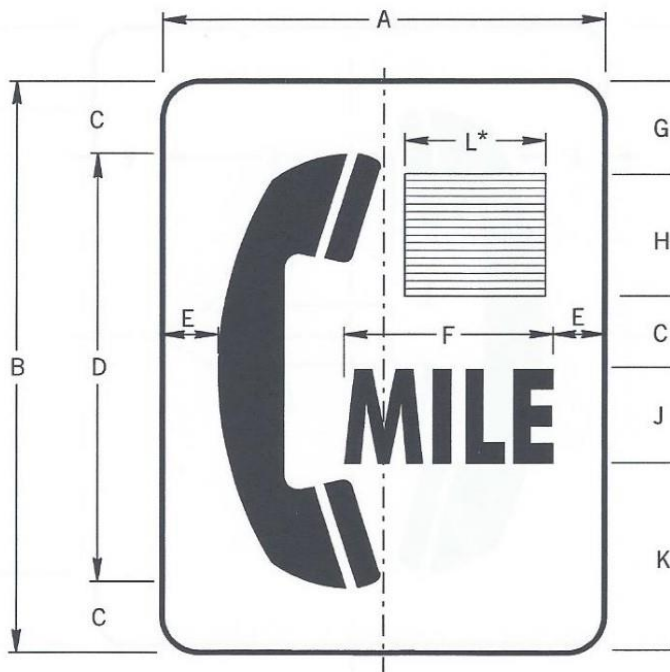
D9-1B

TELEPHONE () MILE SIGN

(a) Justification. The Telephone () Mile Sign (D9-1B) shall be authorized for use in advance of public telephone facilities. Telephone company officials shall obtain approval from the proper authorities before placing this sign on any highway.

(b) Placement. The D9-1B sign shall be placed in advance of the telephone a distance which will permit the motorists to reduce speed and leave the highway safely if he desires to stop.

(c) Size. The standard size of D9-1B sign shall be 600 mm by 750 mm (24" x 30"). The 450 mm by 600 mm (18" x 24") size may be used on urban streets.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	35 (1.4)	530 (21.2)	25 (1)	241 (9.5)	95 (3.8)	150C (6C)	100C (4C)	220 (8.8)	205 (8.2)	10 (0.4)	B5-600450 (B5-2418)
600 x 750 (24" x 30")	50 (2)	650 (26)	35 (1.4)	301 (11.9)	110 (4.4)	190C (7.6C)	125C (5C)	275 (11)	255 (10.2)	15 (0.6)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	60 (2.4)	780 (31.2)	50 (2)	362 (14.3)	125 (5)	225C (9C)	150 (6C)	340 (13.6)	305 (12.2)	20 (0.8)	B5-900750 (B5-3630)

* OPTICALLY SPACE NUMERAL(S) ABOVE "MILE"

COLOR:

SYMBOL, LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

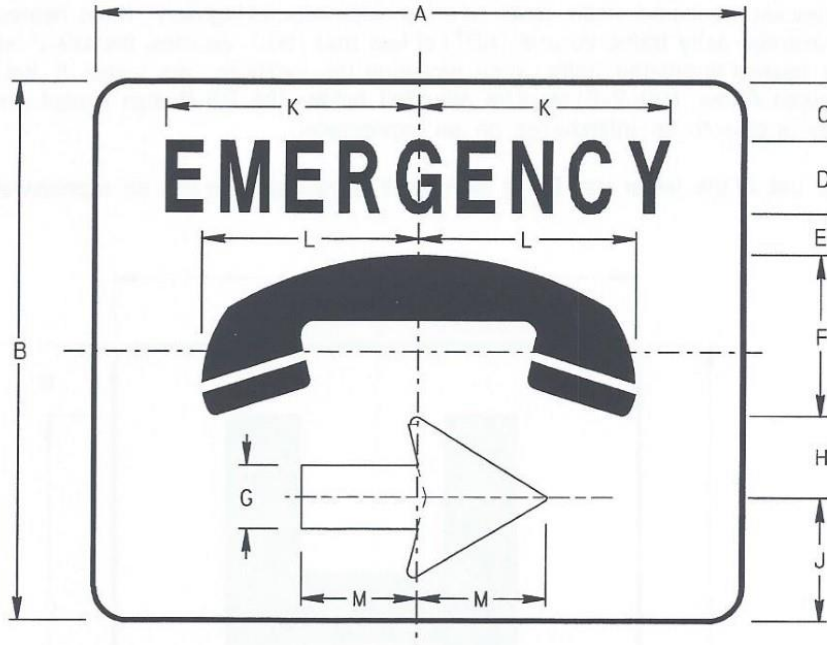
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-1-2

EMERGENCY TELEPHONE SIGN

The Emergency Telephone Sign (D9-1-2) is authorized to indicate the location of an emergency telephone. If the phone is adjacent to the road, the arrow may be removed and the message centered on the sign.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	65 (2.6)	75D (3D)	50 (2)	200 (8)	65 (2.6)	85 (3.4)	125 (5)	294 (11.6)	300 (12)	130 (5.2)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

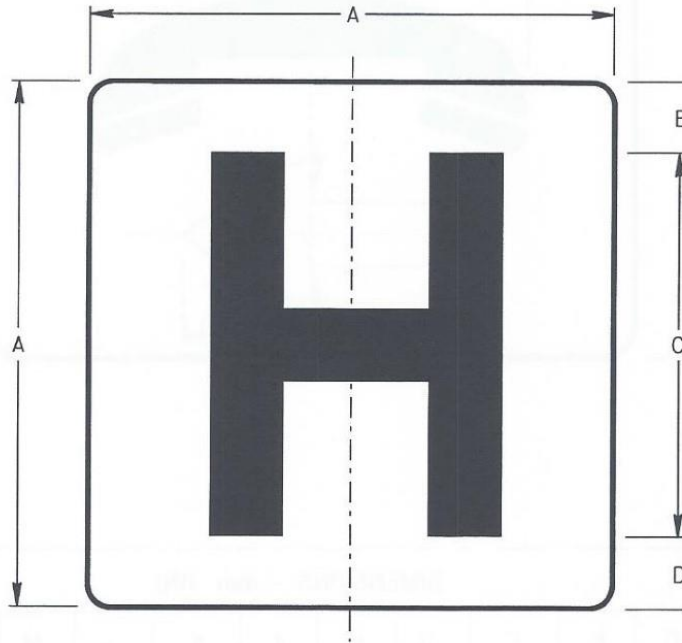
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-2

HOSPITAL SIGN

(a) Justification. The Hospital Sign (D9-2) will be authorized for use to direct motorists to hospitals and other types of facilities which offer continuous emergency care with a doctor on duty 24 hours a day, seven days a week. The use of the D9-2 sign should be limited to locations in the vicinity of the hospital, 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 D9-2 sign may be installed on other than the nearest numbered traffic route providing the locations are within 5 km (3 MILES) of the hospital. The Services Arrow (D9-2-2) shall be mounted below the D9-2 sign except when the D9-2 sign is used on a freeway or prior to an interchange on an expressway.

(b) Size. The use of the larger size D9-2 sign shall be reserved for use on expressways, freeways, and multilane highways.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	D	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	500E(M) (20E(M))	50 (2)	15 (0.6)	B3-600 (B3-24)
750 x 750 (30" x 30")	62 (2.4)	625E(M) (25E(M))	63 (2.5)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

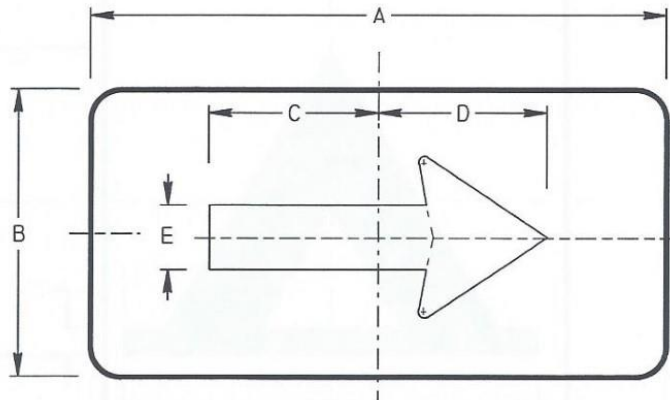
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-2-2

SERVICES ARROW

The Services Arrow (D9-2-2) shall be authorized for use below services signs to direct the motorist to the service indicated.



NOTE:

SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	185 (7.4)	185 (7.4)	65 (2.6)	10 (0.4)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	220 (8.8)	220 (8.8)	85 (3.4)	10 (0.4)	B5-750375 (B5-3015)

COLOR:

SYMBOL, ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

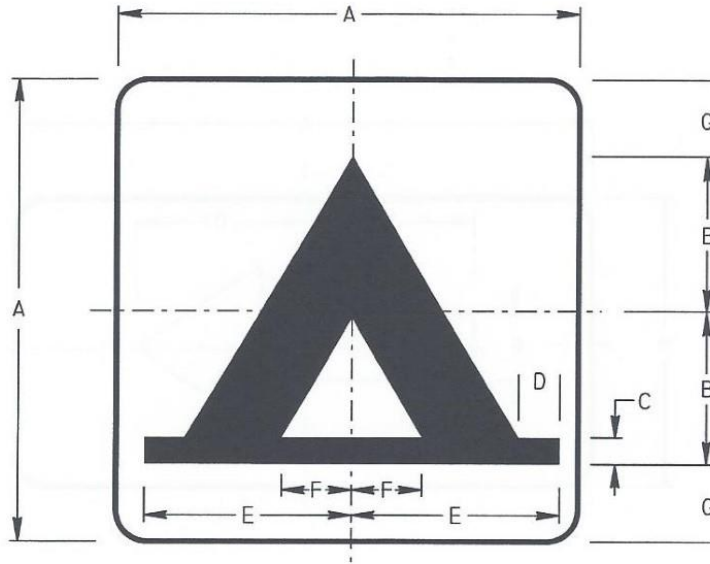
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-3

CAMPING SIGN

(a) Justification. The Camping Sign (D9-3) is authorized for use in accordance with Department policy. The Services Arrow (D9-2-2) may be mounted below this sign.

(b) Size. The standard size of D9-3 sign shall be 600 mm by 600 mm (24" x 24").



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	G	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	200 (8)	36 (1.4)	55 (2.2)	270 (10.8)	90 (3.6)	100 (4)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	250 (10)	45 (1.8)	70 (2.8)	340 (13.6)	113 (4.5)	125 (5)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

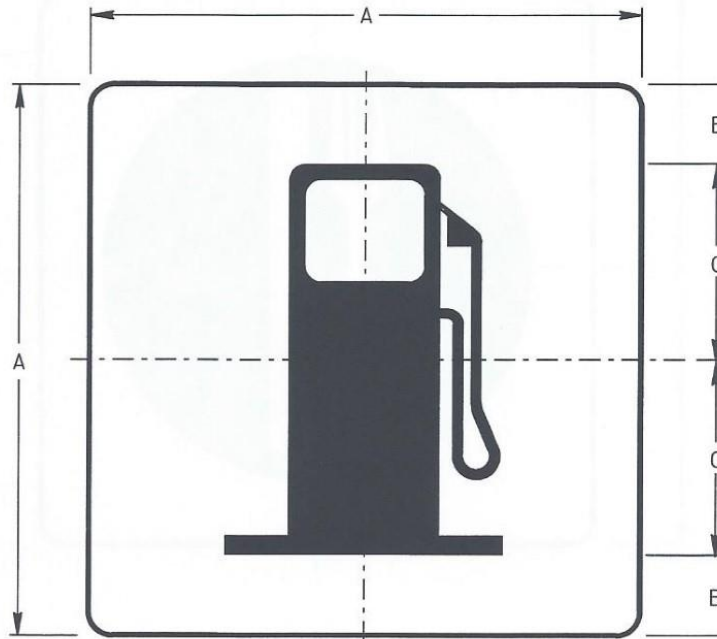
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-7

GAS SYMBOL SIGN

The Gas Symbol Sign (D9-7) may be used to direct drivers on freeways to qualifying gas facilities in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 600 mm x 300 mm (24" x 12") Service Arrow (D9-2-2) should be used beneath the 600 mm x 600 mm (24" x 24") size D9-7 sign.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	75 (3)	225 (9)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	95 (3.8)	280 (11.2)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

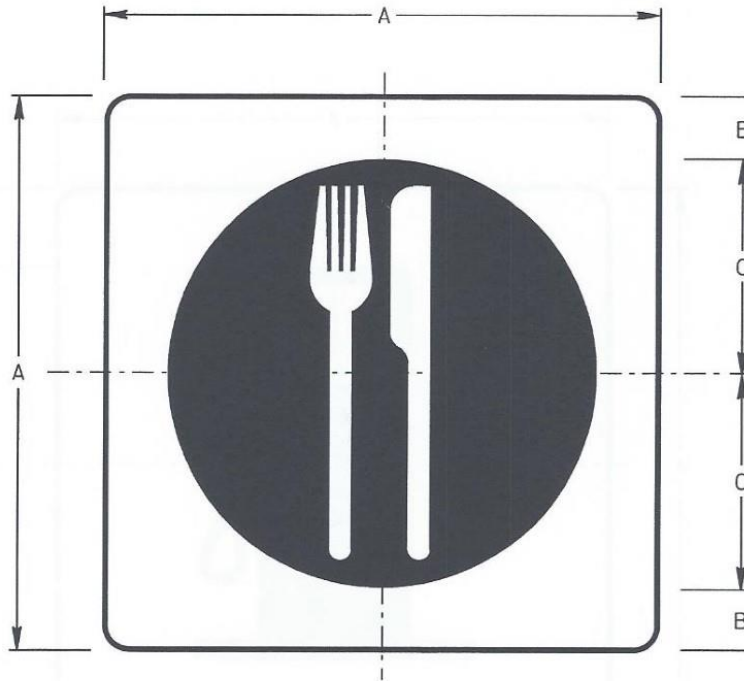
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-8

FOOD SYMBOL SIGN

The Food Symbol Sign (D9-8) may be used to direct drivers on freeways to qualifying food establishments in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 600 mm by 300 mm (24"x12") Service Arrow (D9-2-2) should be used beneath the 600 mm by 600 mm (24" x 24") size D9-8 sign.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	250 (10)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	65 (2.6)	310 (12.4)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

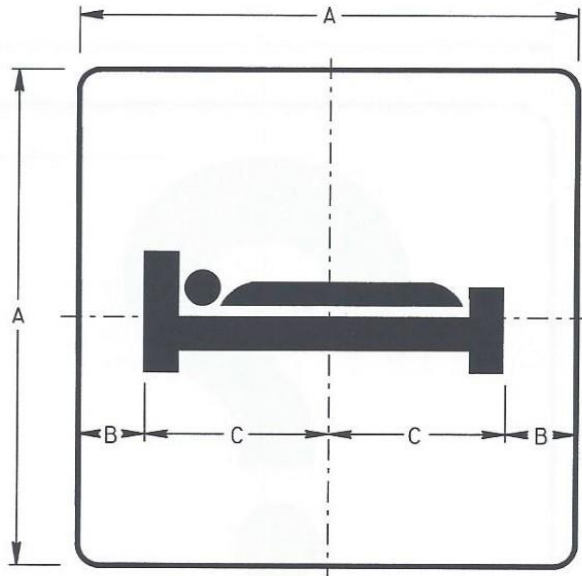
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-9

LODGING SYMBOL SIGN

The Lodging Symbol Sign (D9-9) may be used to direct drivers on freeways to qualifying lodging facilities in accordance with Department policy. When used as trailblazer on an exit ramp or conventional highway, a 600 mm by 300 mm (24" x 12") Services Arrow (D9-2-2) should be used beneath the 600 mm by 600 mm (24" x 24") size D9-9 sign.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	250 (10)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	65 (2.6)	310 (12.4)	19 (0.7)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-10

VISITOR INFORMATION SYMBOL SIGN

The Visitor Information Symbol Sign (D9-10) may be used to direct drivers to qualifying visitor (tourist) information centers in accordance with Department policy. The 750 mm by 750 mm (30" x 30") size should be used on the mainline of an expressway or freeway, but the border may be omitted if attached to a general motorist service panel. When used on exit ramps and conventional highways, a 600 mm by 300 mm (24" x 12") Service Arrow (D9-2-2) should be used beneath the 600 mm by 600 mm (24" x 24") size D9-10 sign.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	500 (20)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	62 (2.5)	626 (25)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

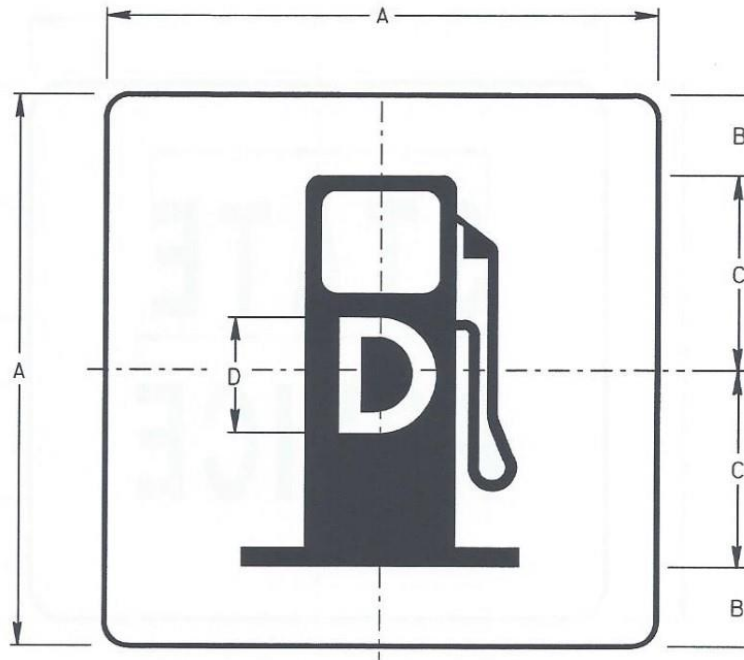
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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 600 mm by 300 mm (24" x 12") Services Arrow (D9-2-2) should be used beneath the 600 mm by 600 mm (24" x 24") size D9-11 sign.



DIMENSIONS - mm (IN)					
SIGN SIZE A x A	B	C	D	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	250 (10)	150E(M) (6E(M))	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	65 (2.6)	310 (12.4)	188E(M) (7.5E(M))	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D9-14

STATE POLICE SYMBOL SIGN

The State Police Symbol Sign (D9-14) may be used to direct drivers on freeways to qualifying State Police stations in accordance with Department policy. When used as a trailblazer on an exit ramp or conventional highway, a 600 mm x 300 mm (24"x12") Services Arrow (D9-2-2) should be used beneath the 600 mm x 600 mm (24" x 24") size D9-14 sign.



DIMENSIONS - mm (IN)							
SIGN SIZE A x A	B	C	D	E	F	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	100 (4)	150B (6B)	100 (4)	189 (7.5)	229 (9.1)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	100 (4)	200B (8B)	150 (6)	251 (10)	304 (12)	20 (0.8)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

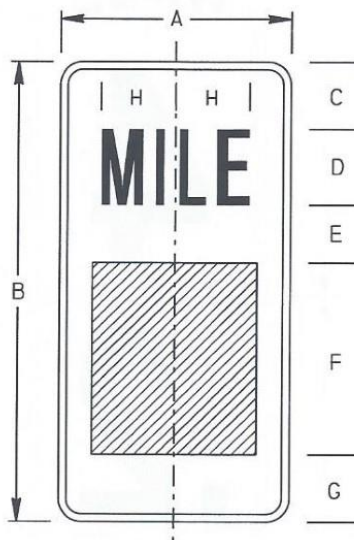
D10-1

SINGLE-DIGIT DISTANCE MARKER SIGN

(a) Justification. The Single-Digit Distance Marker Sign (D10-1) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each limited-access portion of a route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond the overlap shall indicate the total distance traveled on that route.

(b) Placement. For divided highways, distance measurements shall be made on northbound and eastbound roadways. The distance marker for southbound and westbound roadways shall be placed directly opposite. When a distance marker cannot be placed in its correct location, it may be moved in either direction as much as 15 m (50'). If it cannot be placed within 15 m (50') of its correct location, it should be omitted. Distance markers shall be placed so that the bottom of the marker is 1.2 m (4') above the near roadway edge. They shall be placed not less than 0.6 m (2') or more than 1.8 m (6') outside the outer edge of the shoulder. They should be placed in the same line as delineators.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F*	G	H	BOR- DER	BLANK STD.
300 x 600 (12" x 24")	88 (3.5)	100B (4B)	75 (3)	250D (10D)	87 (3.5)	96 (3.8)	10 (0.4)	B5-600300 (B5-2412)

* OPTICALLY LOCATE NUMERALS ABOUT CENTERLINE

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D10-1A

SINGLE-DIGIT INTERMEDIATE DISTANCE MARKER

The Single-Digit Intermediate Distance Marker Sign (D10-1A) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond shall indicate the total distance traveled on that route. Placement requirements shall be the same as the Single-Digit Distance Marker Sign (D10-1).



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	BOR- DER	BLANK STD.
300 x 900 (12"x 36")	100B (4B)	250D (10D)	75 (3)	75 (3)	75 (3)	98 (3.9)	538 (21.5)	362 (14.5)	10 (.4)	B5-300900 (B5-1236)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

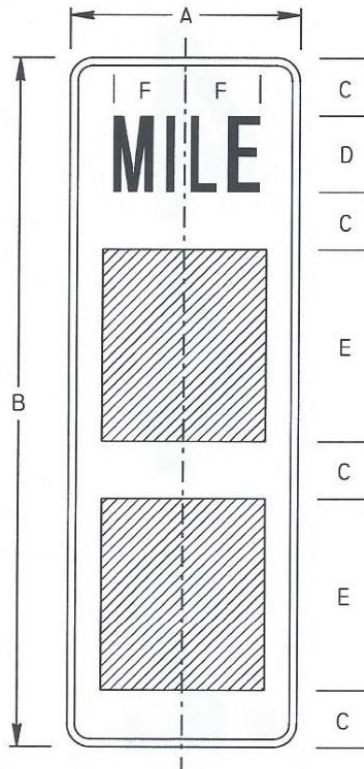
D10-2

DOUBLE-DIGIT DISTANCE MARKER SIGN

(a) Justification. The Double-Digit Distance Marker Sign (D10-2) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each limited-access portion of a route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond the overlap shall indicate the total distance traveled on that route.

(b) Placement. For divided highways, distance measurements shall be made on northbound and eastbound roadways. The distance marker for southbound and westbound roadways shall be placed directly opposite. When a distance marker cannot be placed in its correct location, it may be moved in either direction as much as 15 m (50'). If it cannot be placed within 15 m (50') of its correct location, it should be omitted. Distance markers shall be placed so that the bottom of the marker is 1.2 m (4') above the near roadway edge. They shall be placed not less than 0.6 m (2') or more than 1.8 m (6') outside the outer edge of the shoulder. They should be placed in the same line as delineators.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E*	F	BOR- DER	BLANK STD.
300 x 900 (12" x 36")	75 (3)	100B (4B)	250D (10D)	96 (3.8)	10 (0.4)	B5-900300 (B5-3612)

* OPTICALLY LOCATE NUMERALS ABOUT CENTERLINE

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

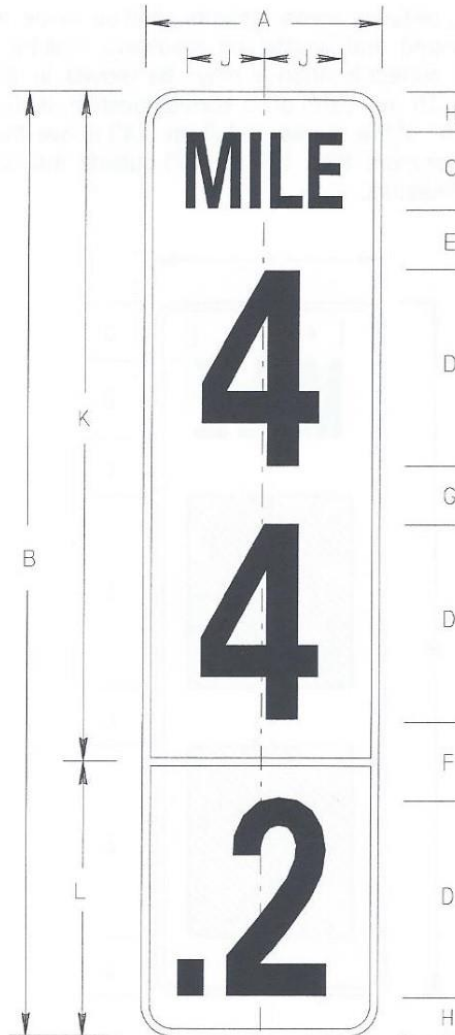
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D10-2A

DOUBLE-DIGIT INTERMEDIATE DISTANCE MARKER

The Double-Digit Intermediate Distance Marker Sign (D10-2A) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond shall indicate the total distance traveled on that route. Placement requirements shall be the same as the Double-Digit Distance Marker Sign (D10-2).



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
300 x 1200 (12"x 48")	100B (4B)	250D (10D)	75 (3)	100 (4)	75 (3)	50 (2)	98 (3.9)	850 (34)	350 (14)	10 (.4)	B5-1200300 (B5-4812)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

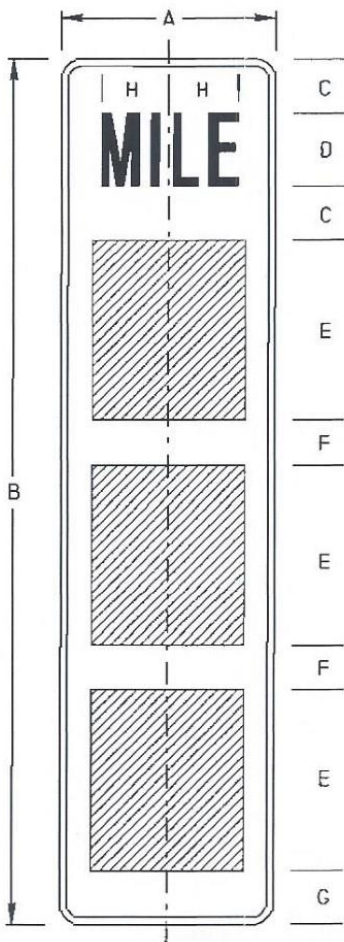
D10-3

TRIPLE-DIGIT DISTANCE MARKER SIGN

(a) Justification. The Triple-Digit Distance Marker Sign (D10-3) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each limited-access portion of a route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond the overlap shall indicate the total distance traveled on that route.

(b) Placement. For divided highways, distance measurements shall be made on northbound and eastbound roadways. The distance marker for southbound and westbound roadways shall be placed directly opposite. When a distance marker cannot be placed in its correct location, it may be moved in either direction as much as 15 m (50'). If it cannot be placed within 15 m (50') of its correct location, it should be omitted. Distance markers shall be placed so that the bottom of the marker is 1.2 m (4') above the near roadway edge. They shall be placed not less than 0.6 m (2') or more than 1.8 m (6') outside the outer edge of the shoulder. They should be placed in the same line as delineators.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E*	F	G	H	BOR- DER	BLANK STD.	
300 x 1200 (12" x 48")	75 (3)	100B (4B)	250D (10D)	63 (2.5)	74 (3)	96 (3.8)	10 (0.4)	B5-1200300 (B5-4812)	

* OPTICALLY LOCATE NUMERALS ABOUT CENTERLINE

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

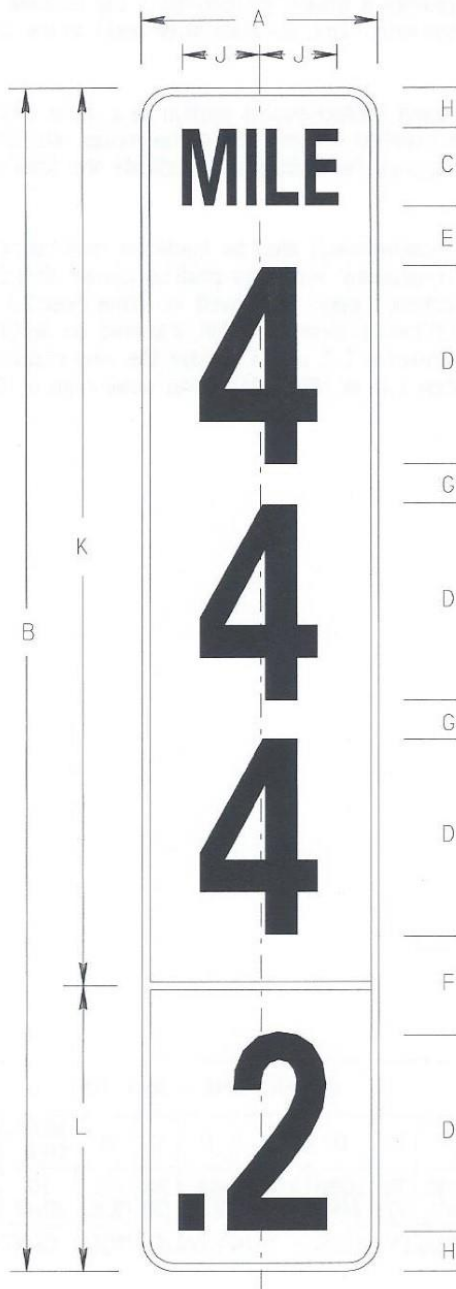
By: John P. Stungis Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D10-3A

TRIPLE-DIGIT INTERMEDIATE DISTANCE MARKER

The Triple-Digit Intermediate Distance Marker Sign (D10-3A) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond shall indicate the total distance traveled on that route. Placement requirements shall be the same as the Triple-Digit Distance Marker Sign (D10-3).



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.	
300 x 1500 (12"x 60")	100B (4B)	250D (10D)	75 (3)	125 (5)	50 (2)	50 (2)	98 (3.9)	1137 (45.5)	363 (14.5)	10 (.4)	—	

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D10-4

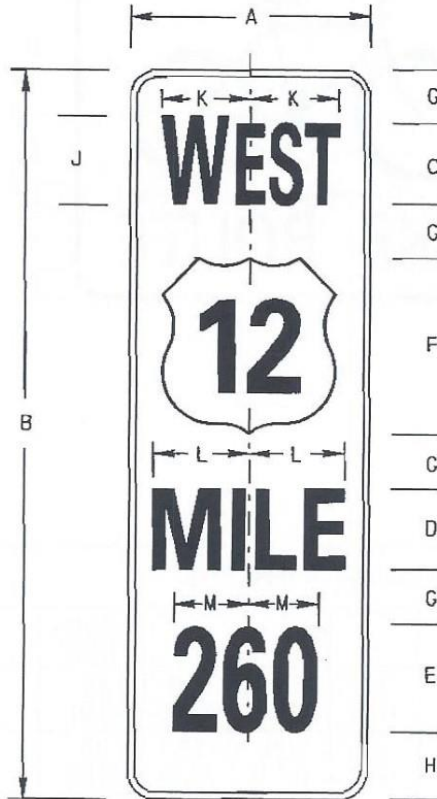
ENHANCED DISTANCE MARKER SIGN

(a) Justification. The Enhanced Distance Marker Sign (D10-4) shall be authorized for use on a highway to assist the motorist in estimating his progress, to provide a means for identifying the location of emergency incidents and to aid in highway maintenance and servicing. Zero distance shall begin at the south and west state lines and at junctions where routes begin.

The mileage numbering shall be continuous for each limited-access portion of a route, except when overlaps occur. With overlapped routes, continuity shall be established for only one of the routes. On the route without distance marker continuity, the first distance marker beyond the overlap shall indicate the total distance traveled on that route.

The Enhanced Distance Marker Sign (D10-4) may be used in lieu of the Distance Marker Sign (D10-1, D10-2, D10-3). However, it must be used on those sections of highway where Intermediate Distance Marker Signs (D10-1a, D10-2a, D10-3a) are installed.

(b) Placement. For divided highways, distance measurements shall be made on northbound and eastbound roadways. The distance marker for southbound and westbound roadways shall be placed directly opposite. When a distance marker cannot be placed in its correct location, it may be moved in either direction as much as 15 m (50 ft). If it cannot be placed within 15 m (50 ft) of its correct location, it should be omitted. Distance markers shall be placed so that the bottom of the marker is 1.2 m (4 ft) above the near roadway edge. They shall be placed not less than 0.6 m (2 ft) or more than 1.8 m (6 ft) outside the outer edge of the shoulder. They should be placed in the same line as delineators.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
450 x 1350 (18" x 54")	150B (6B)	150C (6C)	200 (8)	325 (13)	100 (4)	125 (5)	165 (6.6)	166 (6.6)	179 (7.2)	VAR. (VAR.)	10 (.4)	B5-1350450 (B5-5418)

- COLOR:
 LEGEND AND BORDER:
 WHITE (REFLECTORIZED)
 CKGROUND:
 GREEN (REFLECTORIZED)
 SHIELD:
 PAUS: BLACK /WHITE (REFLECTORIZED)
 INTERSTATE: RED /WHITE /BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

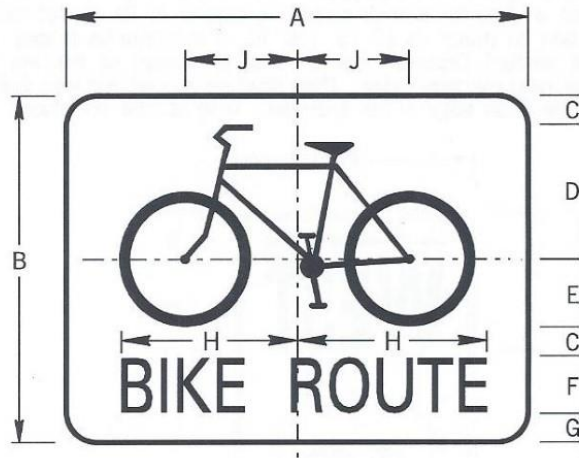
By: *James P. Anagnos* Date: 2-1-10
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

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 600 mm by 450 mm (24" x 18").



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
600 x 450 (24" x 18")	37 (1.5)	175 (7)	87 (3.5)	75C (3C)	39 (1.5)	246 (9.8)	138 (5.5)	10 (0.4)	B5-600450 (B5-2418)
750 x 600 (30" x 24")	57 (2.3)	220 (8.8)	109 (4.3)	100C (4C)	57 (2.3)	328 (13.1)	172 (6.8)	15 (0.6)	B5-750600 (B5-3024)

COLOR:

LEGEND, SYMBOL, AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

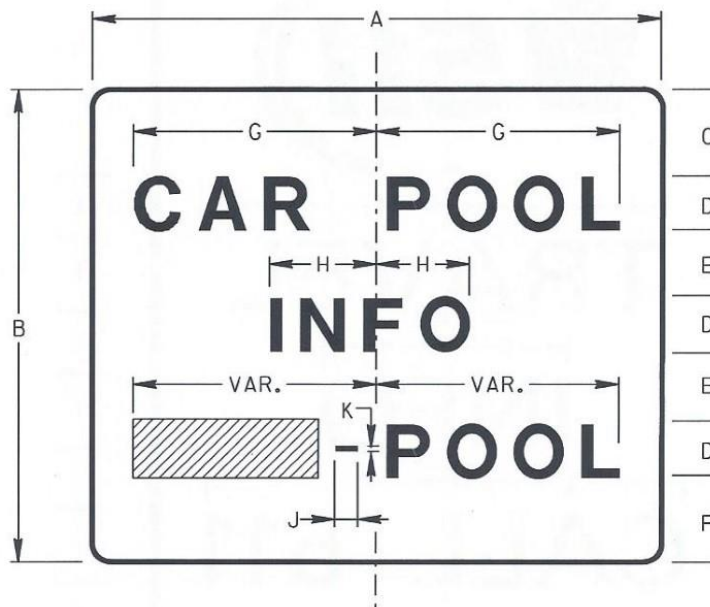
D12-2

CAR POOL INFORMATION SIGN

(a) Justification. The Car Pool Information Sign (D12-2) shall be authorized for use in urban areas which have carpool matching services. The message on the sign may be varied as necessary, e.g., CAR-VAN POOL INFO (), or the telephone number as shown on the last line need not have the last four digits as indicated.

(b) Placement. When used, the D12-2 sign should be placed adjacent to preferential lanes or along high volume urban roads normally utilized by commuter traffic.

(c) Size. The standard size D12-2 sign shall be 1350 mm by 1050 mm (54" x 42") on conventional multi-lane highways and expressways, and 1800 mm by 1350 mm (72" x 54") on freeways. A 900 mm by 750 mm (36" x 30") sign may be used on urban streets with restricted lateral clearance.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	BOR- DER	BLANK STD.
900 x 750 (36" x 30")	100 (4)	125C (5C)	85 (3.4)	105 (4.2)	365 (14.4)	150 (5.9)	50 (2)	18 (0.7)	15 (0.6)	B5-900750 (B5-3630)
1350 x 1050 (54" x 42")	175 (7)	150D (6D)	125 (5)	175 (7)	515 (20.4)	213 (8.4)	75 (3)	24 (1)	10 (0.4)	—
1800 x 1350 (72" x 54")	225 (9)	200E (8E)	150 (6)	225 (9)	790 (31.3)	330 (13)	100 (4)	35 (1.4)	30 (1.2)	—

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D12-5

TRAVEL INFO CALL 511 SIGN

The Travel Info Call 511 Sign (D12-5) may be installed where a 511 Traveler Information Services telephone number is available to road users for obtaining traffic, public transportation, weather, construction or road condition information.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
1200 x 1500 (48" x 60")	112 (4.5)	450 (18)	125 (5)	150E (6E)	113 (4.5)	393 (15.7)	442 (17.4)	248 (9.8)	485 (19.2)	30 (1.2)	B5-15001200 (B5-6048)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

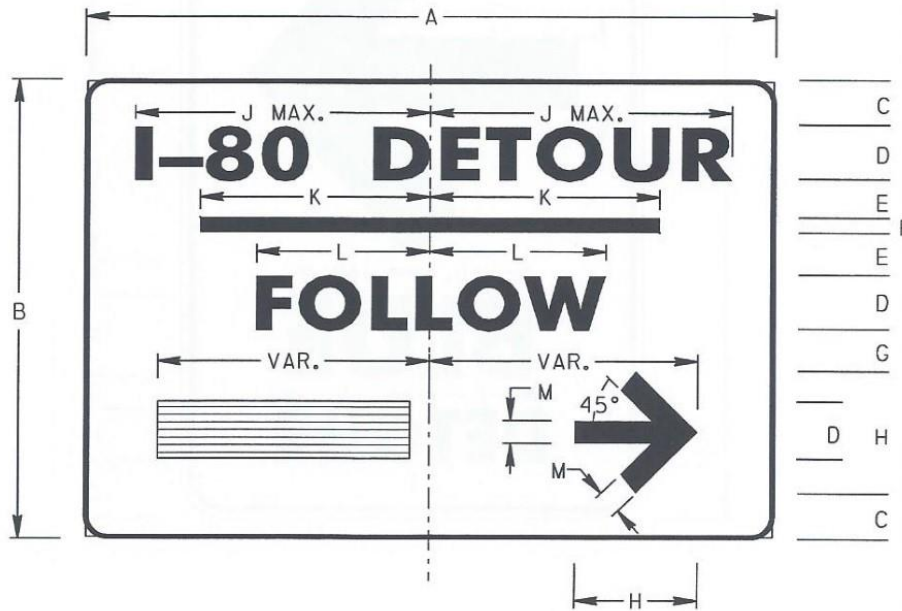
By: *James P. Tomaglia* Date: 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D14-1

EMERGENCY DETOUR—FOLLOW (COLOR) ARROW SIGN

(a) Justification. The Emergency Detour — Follow (color) Arrow Sign (D14-1) may be used along expressway and freeway off-ramps, or along conventional highways, at the beginning of an emergency road closure in conjunction with the Emergency Detour (color) Arrow trailblazer Signs (D15-1). The traffic route should be indicated at the beginning of the first line. The last line should identify the color of the arrow in black legend, and include an arrow of the appropriate color and orientation. Appropriate colors should generally be limited to blue, orange or black.

(b) Placement. The D14-1 sign should be removed or folded when it is not appropriate.



DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	BOR- DER	BLANK STD.
1800 x 1200 (72" x 48")	112 (4.5)	150E (6E)	100 (4)	36 (1.4)	100 (4)	340 (13.6)	750 (30)	600 (24)	458 (18.1)	60 (2.4)	25 (1)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

ARROW:
AS SPECIFIED (REFLECTORIZED)

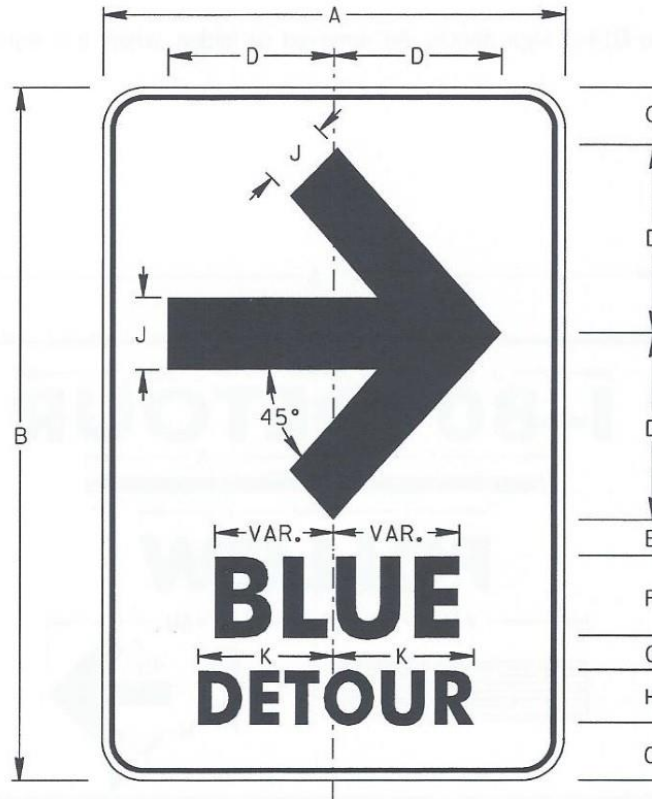
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D15-1

EMERGENCY DETOUR (COLOR) TRAILBLAZER SIGN

The Emergency Detour (Color) Trailblazer Sign (D15-1) may be used following an Emergency Detour — Follow (color) Arrow Sign (D14-1) to identify necessary turns in the emergency detour route. The color of the arrow should be included on the first line of legend, and the arrow should be rotated to indicate the appropriate direction of the route. The D15-1 sign may remain in view even when the detour is not in effect.



DIMENSIONS – mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
450 x 600 (18" x 24")	50 (2)	160 (6.4)	25 (1)	75E (3E)	30 (1.2)	50E (2E)	60 (2.4)	148 (5.8)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)
600 x 900 (24" x 36")	75 (3)	225 (9)	60 (2.4)	100E (4E)	65 (2.6)	75E (3E)	85 (3.4)	222 (8.7)	10 (0.4)	15 (0.6)	B5-900600 (B5-3624)

COLOR:

LEGEND AND BORDER:
AS SPECIFIED (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

D16-1

ALL TRAFFIC MUST EXIT SIGN

The All Traffic Must Exit Sign (D16-1) may be used for signing emergency detours on limited access facilities to indicate that traffic must exit. The D16-1 sign should be used in conjunction with proper lane closure signs and the Emergency Detour Sign (D14-1).



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
1500 x 1500 (60" x 60")	225 (9)	150E (6E)	220 (8.7)	478 (18.9)	302 (11.9)	239 (9.4)	25 (1)	38 (1.5)	B3-1500 (B3-60)

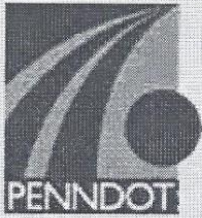
COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



Information

Signs

(I-Series)

Pub 236M

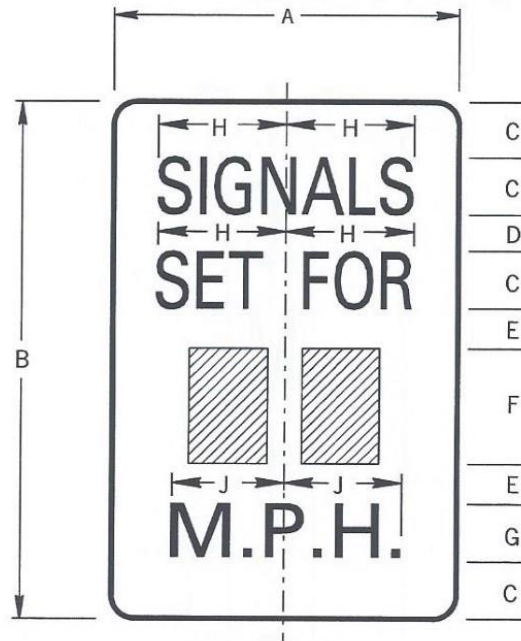
(1-06)

I1-1

TRAFFIC SIGNAL SPEED SIGN

(a) Justification. The Traffic Signal Speed Sign (I1-1) shall be authorized for use to indicate the beginning of a section of highway on which the traffic control signals are coordinated into a progressive system and timed for a specific speed. The legend should show the speed to the nearest whole mile.

(b) Placement. The I1-1 should be mounted as near as possible to the signals where timed speed changes, and at intervals of several blocks throughout any section where the timed speed remains constant.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
300 x 450 (12" x 18")	50C (2C)	30 (1.2)	35 (1.4)	100D (4D)	50D (2D)	117 (4.6)	90 (3.6)	10 (0.4)	B5-450300 (B5-1812)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

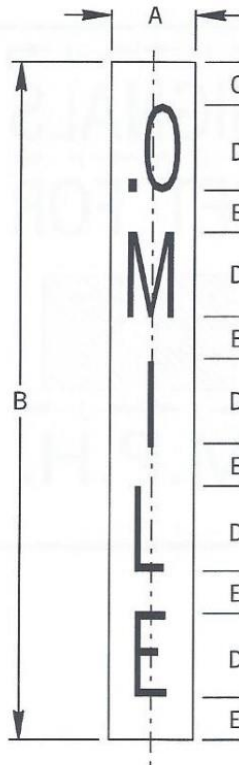
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I2-1

SPEED CHECK MARKER SIGN

(a) Justification. The Speed Check Marker Sign (I2-1) 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 1.8 m 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 - mm (IN)				
SIGN SIZE A x B	C	D	E	BLANK STD.
75 x 600 (3" x 24")	35 (1.5)	75C (3C)	38 (1.5)	—

COLOR:

LEGEND:

BLACK (NON-REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

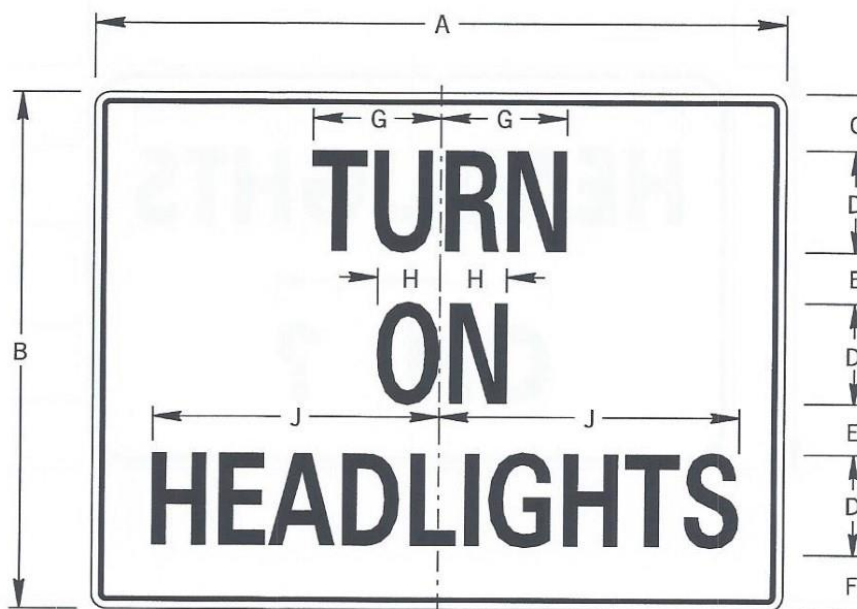
By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

13-1

TURN ON HEADLIGHTS SIGN

(a) Justification. The Turn On Headlights Sign (13-1) may be used in advance of a tunnel or underpass to advise drivers to turn on their headlights before entering the tunnel or underpass.

(b) Placement. When used, the 13-1 sign should be placed a minimum distance in meters (FT) equal to 2 (10) times the speed limit in km/h (MPH), in advance of the tunnel or underpass.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
1200 x 900 (48" X 36")	100 (4)	175C (7C)	85 (3.4)	105 (4.2)	242 (9.6)	119 (4.7)	516* (20.4)*	10 (0.4)	15 (0.6)	B5-1200900 (B5-4836)
1800 x 1200 (72" x 48")	150 (6)	200D (8D)	150 (6)	150 (6)	335 (13.2)	164 (6.5)	814 (32.1)	20 (0.8)	25 (1)	—

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I3-1-1

HEADLIGHTS ON ? SIGN

(a) Justification. The Headlights On ? Sign (I3-1-1) may be used in conjunction with the Turn On Headlights Sign (I3-1). The I3-1-1 sign is a courtesy reminder to the drivers that their headlights may no longer be necessary.

(b) Placement. The I3-1-1 sign should be placed beyond the tunnel or underpass.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.	
1200 x 750 (48" x 30")	130 (5.2)	175C (7C)	140 (5.6)	516* (20.4)*	255 (10.1)	15 (0.6)	20 (0.8)	B5-1200750 (B5-4830)	

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

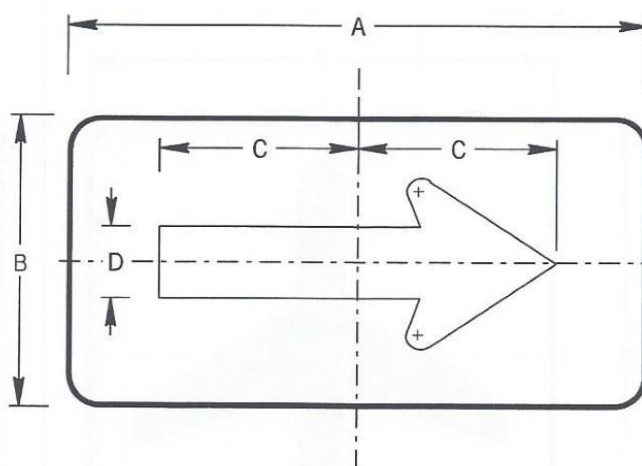
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I4-1-2

INFORMATION ARROW SIGN

The Information Arrow Sign (I4-1-2) shall be authorized for use below information signs to direct the motorists to the facility indicated.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)				
SIGN SIZE A x B	C	D	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	190 (7.6)	65 (2.6)	10 (0.4)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	225 (9)	80 (3.2)	10 (0.4)	B5-750375 (B5-3015)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

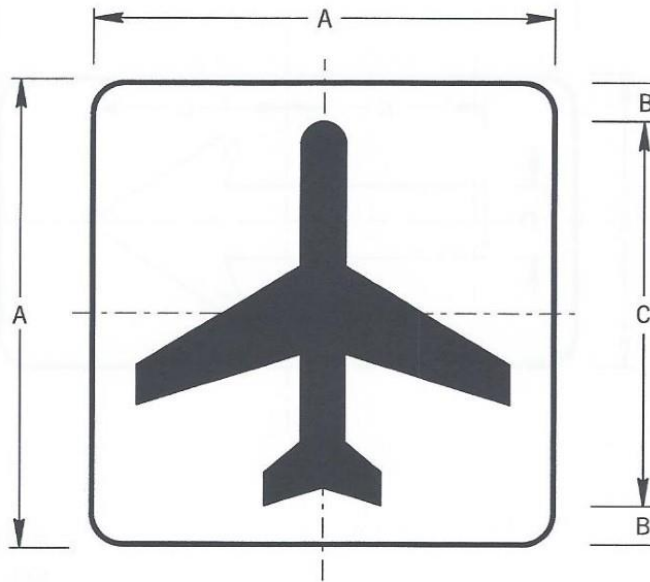
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-5

AIRPORT SIGN

(a) Justification. The Airport Sign (I-5) shall be authorized for use to direct motorists to airports. The use of the I-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 I-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 I-5 sign may be installed on other than the nearest numbered traffic route if the locations are within 8 km (5 MILES) of the airport. The Specific Name Plaque (I-5-1) 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 I-5 sign.

(b) Size. The use of the larger size I-5 sign shall be reserved for use on multilane highways.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	500 (20)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	62 (2.5)	626 (25)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

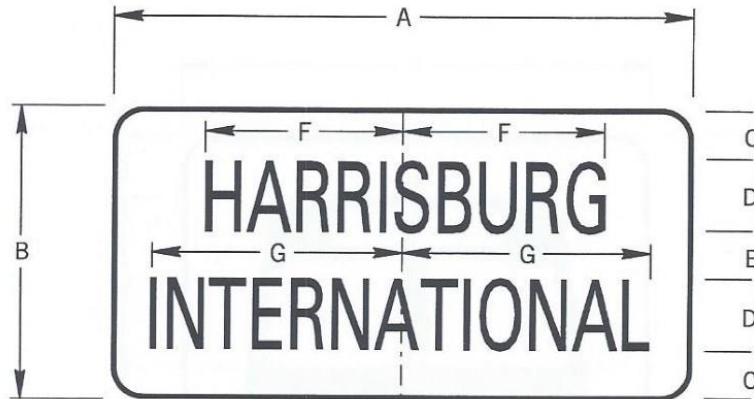
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-5-1

SPECIFIC NAME PLAQUE

The Specific Name Plaque (I-5-1) may be used beneath the Airport Sign (I-5), the Bus Station Sign (I-6), or the Railroad Station Sign (I-7). When used, it should be the same width as the sign it supplements.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	BOR- DER	BLANK STD.
600 x 300 (24" x 12")	50 (2)	75* (3)*	50 (2)	VAR.	VAR.	10 (0.4)	B5-600300 (B5-2412)
750 x 375 (30" x 15")	60 (2.4)	100* (4)*	55 (2.2)	VAR.	VAR.	15 (0.6)	B5-750375 (B5-3015)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

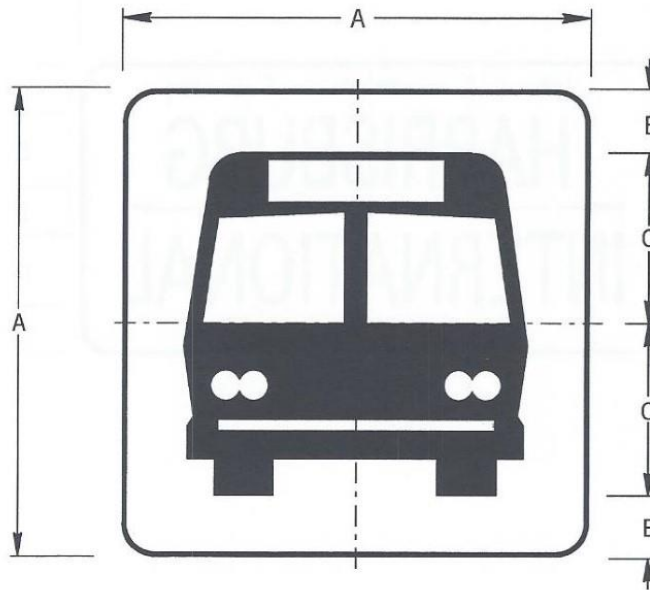
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-6

BUS STATION SIGN

(a) Justification. The Bus Station Sign (I-6) will be authorized for use to direct motorists to bus stations. The use of the I-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 I-6 sign may be installed on other than the nearest numbered traffic route if the locations are within 8 km (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 I-6 sign. The Information Arrow (I4-1-2) should be mounted below the I-6 sign.

(b) Size. The use of the larger size I-6 sign shall be reserved for use on multilane highways.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	75 (3)	225 (9)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	94 (3.8)	281 (11.2)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

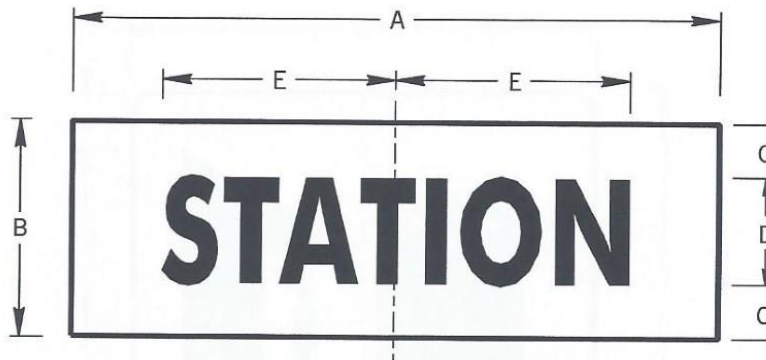
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-6-1

STATION SIGN

The Station Sign (I-6-1) may be used as an educational plaque beneath the Bus Station Sign (I-6).



DIMENSIONS - mm (IN)				
SIGN SIZE A x B	C	D	E	BOR- DER
600 x 200 (24" x 8")	50 (2)	100C (4C)	220 (8.7)	10 (0.4)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

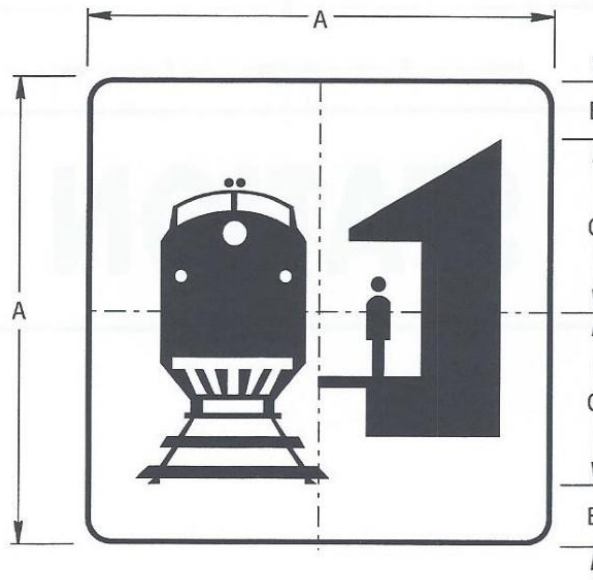
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-7

RAILROAD STATION SIGN

(a) Justification. The Railroad Station Sign (I-7) will be authorized for use to direct motorists to railroad stations. The use of the I-7 sign should be limited to locations in the vicinity of the railroad 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 I-7 sign may be installed on other than the nearest numbered traffic route if the locations are within 8 km (5 MILES) of the railroad station. When an area is served by more than one railroad station, a plaque with the name of the railroad station may be used in conjunction with the I-7 sign. The Information Arrow (I4-1-2) may be mounted below the I-7 sign.

(b) Size. The use of the larger size I-7 sign shall be reserved for use on multilane highways.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	75 (3)	225 (9)	10 (0.4)	B3-600 (B3-24)
750 x 750 (30" x 30")	94 (3.8)	281 (11.2)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

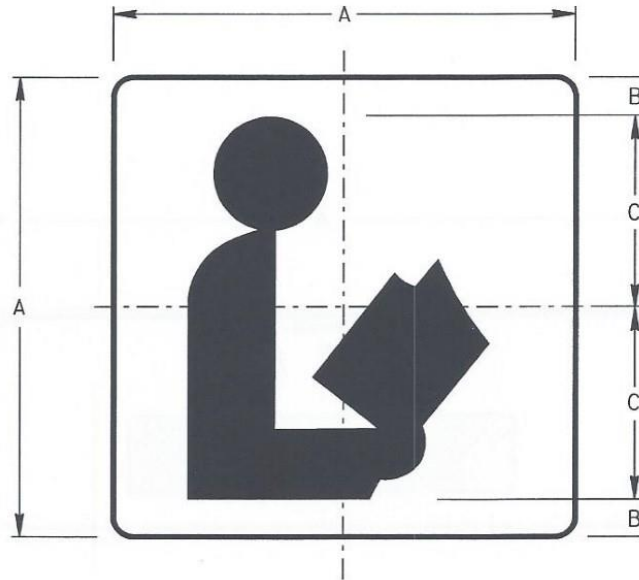
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-8

LIBRARY SIGN

The Library Sign (I-8) 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 I-8 sign.



DIMENSIONS - mm (IN)				
SIGN SIZE A x A	B	C	BOR- DER	BLANK STD.
600 x 600 (24" x 24")	50 (2)	250 (10)	10 (0.4)	B3-600 (B3-24)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

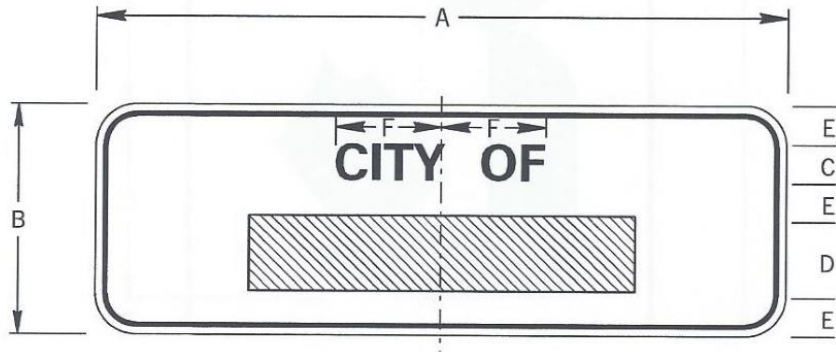
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-1

CITY NAME SIGN

- (a) Justification. The City Name Sign (I10-1) shall be authorized for use at entrances to cities.
- (b) Placement. The I10-1 sign shall be placed at the corporate limits of the city.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	50D (2D)	100* (4)*	50 (2)	133 (5.3)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

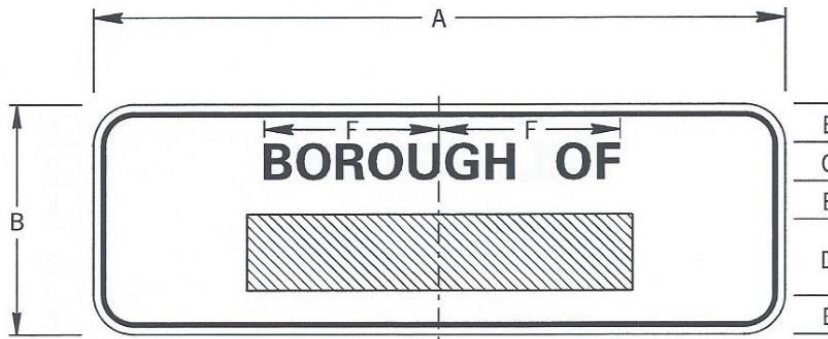
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-2

BOROUGH NAME SIGN

- (a) Justification. The Borough Name Sign (I10-2) shall be authorized for use at entrances to boroughs.
- (b) Placement. The I10-2 sign shall be placed at the corporate limits of the borough.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	50D (2D)	100* (4)*	50 (2)	218 (8.6)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

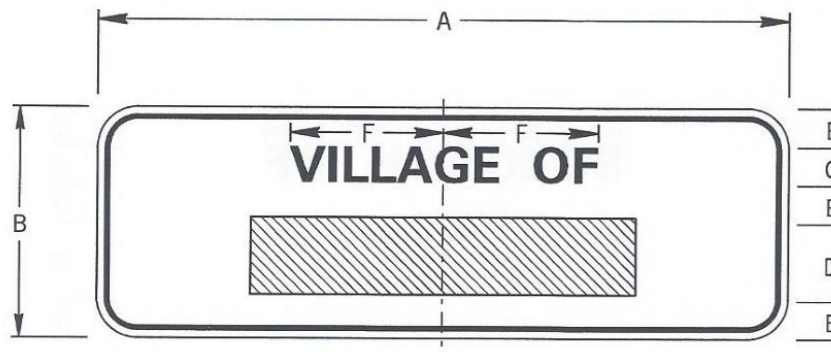
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-3

VILLAGE NAME SIGN

The Village Name Sign (I10-3) shall be authorized for use at entrances to unincorporated built-up areas which have a post office or a generally recognized name.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	50D (2D)	100* (4)*	50 (2)	200 (7.9)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

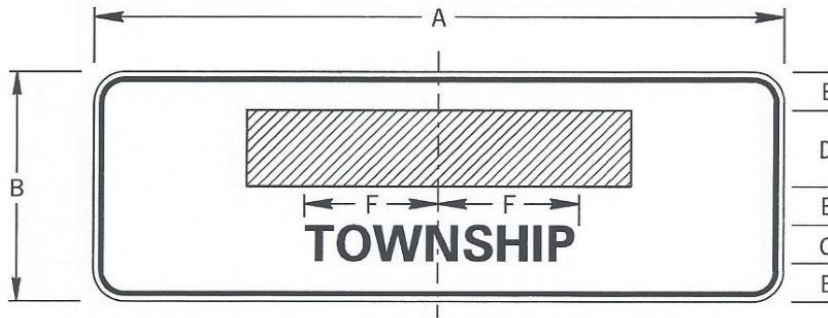
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-4

TOWNSHIP NAME SIGN

(a) Justification. The Township Name Sign (I10-4) shall be authorized for use at entrances to first and second class townships.

(b) Placement. The I10-4 sign shall be placed at the township line.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	50D (2D)	100* (4)*	50 (2)	166 (6.6)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

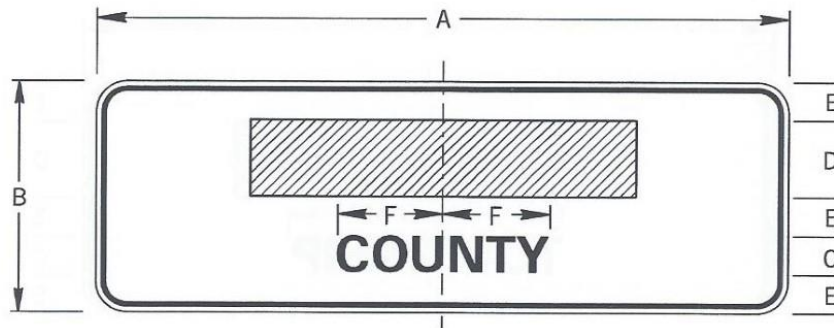
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-5

COUNTY NAME SIGN

(a) Justification. The County Name Sign (I10-5) shall be authorized for use at entrances to counties.

(b) Placement. The I10-5 sign shall be placed at the county line.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.	
900 x 300 (36" x 12")	50D (2D)	100* (4)*	50 (2)	129 (5.1)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)	

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

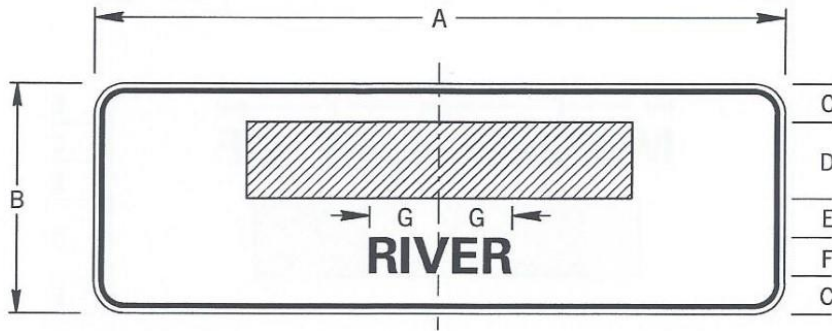
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-6

RIVER NAME SIGN

(a) Justification. The River Name Sign (I10-6) shall be authorized for use at major waterways and their important tributaries. It may also be used within official rest or scenic areas where there are vantage views of the river. The word 'CREEK' may be substituted for 'RIVER' when appropriate.

(b) Size. The standard size of I10-6 shall be 900 mm by 300 mm (36" x 12").



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	42 (1.7)	100* (4)*	41 (1.6)	75E (3E)	163 (6.4)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)
1200 x 600 (48" x 24")	125 (5)	125* (5)*	125 (5)	100E (4E)	218 (8.6)	15 (0.6)	20 (0.8)	B5-1200600 (B5-4824)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

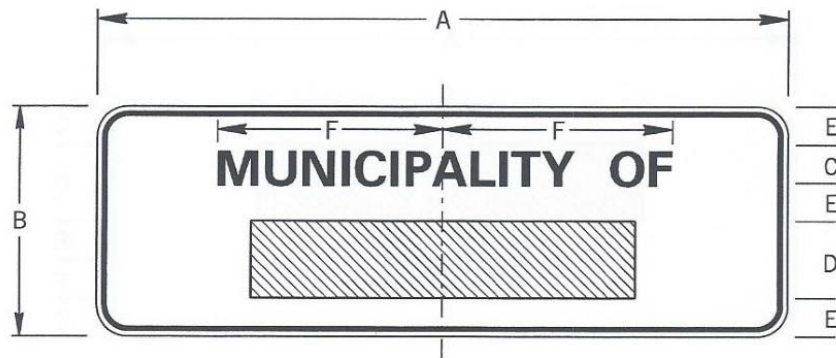
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I10-7

MUNICIPALITY NAME SIGN

The Municipality Name Sign (I10-7) may be used at the entrances to designated municipalities that are not cities, boroughs or townships, e.g., home-rule municipalities.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.	
900 x 300 (36" x 12")	50D (2D)	100* (4)*	50 (2)	293 (11.6)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)	

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

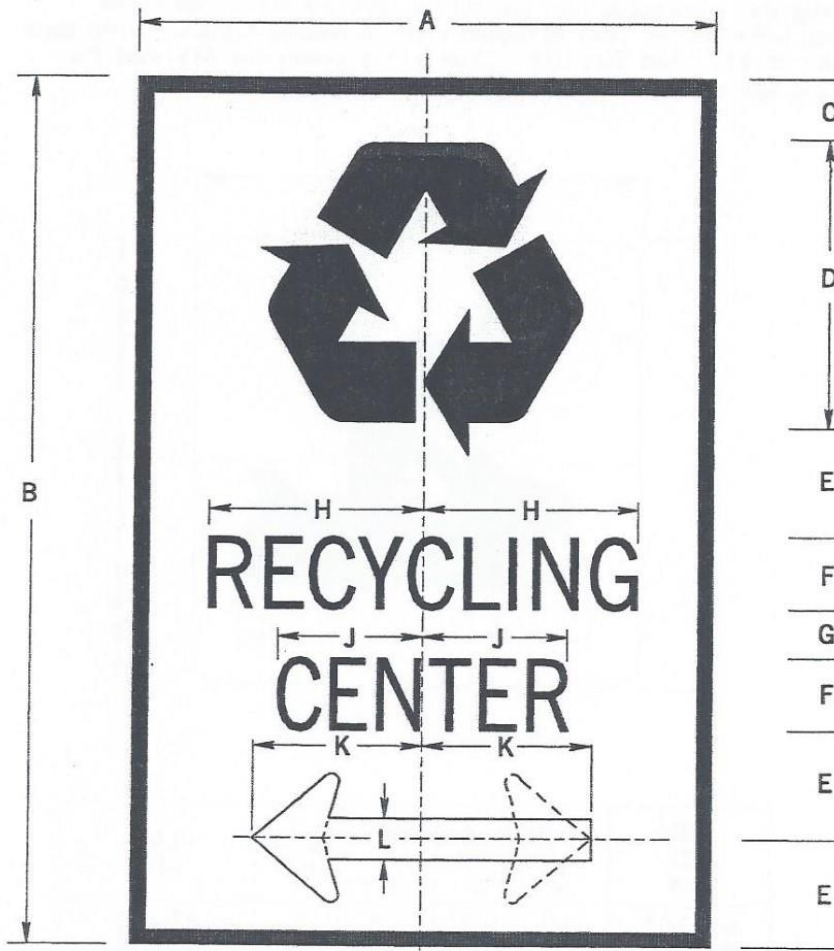
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-11

RECYCLING CENTER SIGN

The Recycling Center Sign (I-11) 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 arrow shall indicate the direction of the turn required.



NOTE:

SEE STANDARD ARROW FOR DIMENSIONS OF ARROWHEAD

DIMENSIONS - mm (IN)												
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	MAR- GIN	BOR- DER	BLANK STD.
600 x 900 (24" x 36")	62 (2.5)	300 (12)	113 (4.5)	75C (3C)	49 (2)	225 (8.9)	152 (6.0)	178 (7.1)	50 (2)	-	15 (0.6)	B5-900600 (B5-3624)

COLOR:

LEGEND, ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

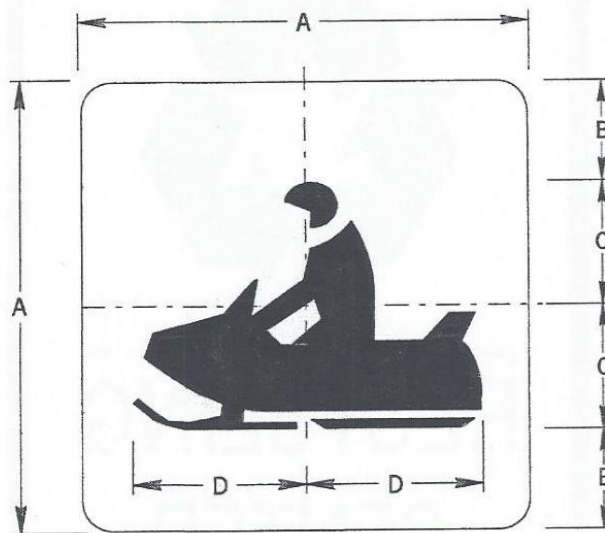
By : *Allen C. Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I12-1

SNOWMOBILE ROAD SIGN

(a) Justification. The Snowmobile Road Sign (I12-1) may be used on a designated snowmobile road to guide snowmobilers and to advise drivers that snowmobilers may be using the roadway. When used, the I12-1 sign shall be installed at the beginning of the snowmobile season and removed during the summer months. The Information Arrow (I4-1-2) shall be mounted below this sign assembly where the snowmobile road changes directions.

(b) Placement. The Snowmobile Road Sign (I12-1) shall be installed on the right side of the street or highway at the beginning of the designated snowmobile road and on the right side of the snowmobile road within 30 m (100 ft) beyond each intersecting highway. When used with an ATV Road Sign (I12-1-1) on a joint snowmobile-ATV road, the I12-1 sign shall be installed above the I12-1-1 sign.



SIGN SIZE AxA	DIMEN. mm (IN)			BOR- DER	BLANK STD.
	B	C	D		
600x600 (24"x24")	131 (5.2)	169 (6.8)	225 (9)	15 (0.6)	B3-600 (B3-24)
750x750 (30"x30")	164 (6.6)	211 (8.4)	281 (11.2)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

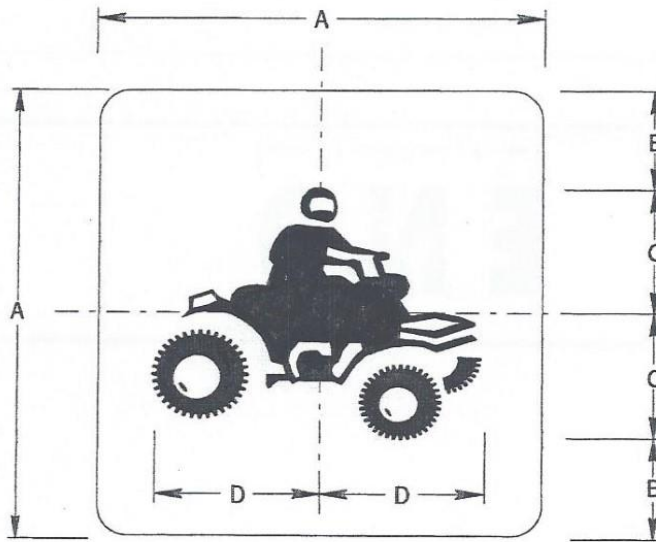
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I12-1-1

ATV ROAD

(a) Justification. The ATV Road Sign (I12-1-1) may be used on a designated ATV road to guide ATV riders and to advise drivers that ATV's may be using the roadway. The Information Arrow (I4-1-2) shall be mounted below this sign assembly where the ATV road changes direction.

(b) Placement. The ATV Road Sign (I12-1-1) shall be installed on the right side of the street or highway at the beginning of the designated ATV road and on the right side of the ATV road within 30 m (100 ft.) beyond each intersecting highway. When used with a Snowmobile Road Sign (I12-1) on a joint snowmobile-ATV road, the I12-1-1 sign shall be installed below the I12-1 sign.



SIGN SIZE AxA	DIMEN. mm (IN)			BOR- DER	BLANK STD.
	B	C	D		
600x600 (24"x24")	131 (5.2)	169 (6.8)	225 (9)	15 (0.6)	B3-600 (B3-24)
750x750 (30"x30")	162 (6.5)	213 (8.5)	281 (11.2)	20 (0.8)	B3-750 (B3-30)

COLOR:

SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

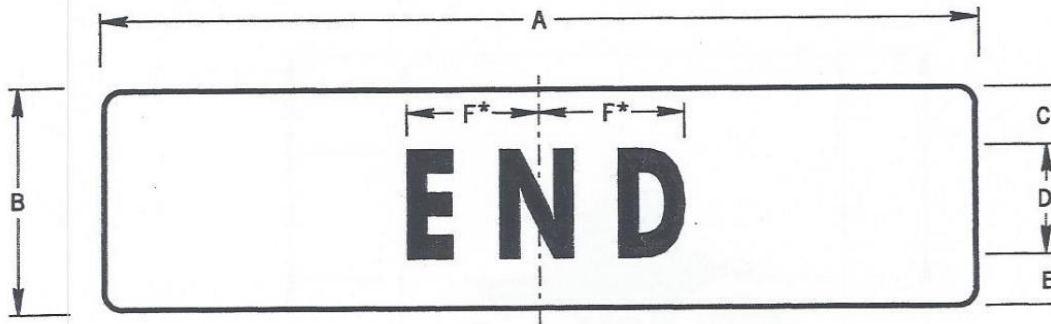
By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

112-1-3

END PLAQUE

(a) Justification. The End Plaque (112-1-3) may be used in conjunction with the Bicycle Route Sign (D11-1) to indicate the end of the designated facility.

(b) Placement. The End Plaque (112-1-3) shall be placed above the route or road marker designating the route or road being terminated.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	F	BOR- DER	BLANK STD.
600 x 150 (24" x 6")	37 (1.5)	75C (3C)	38 (1.5)	90 (3.5)	10 (0.4)	—

* INCREASE SPACING 100%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

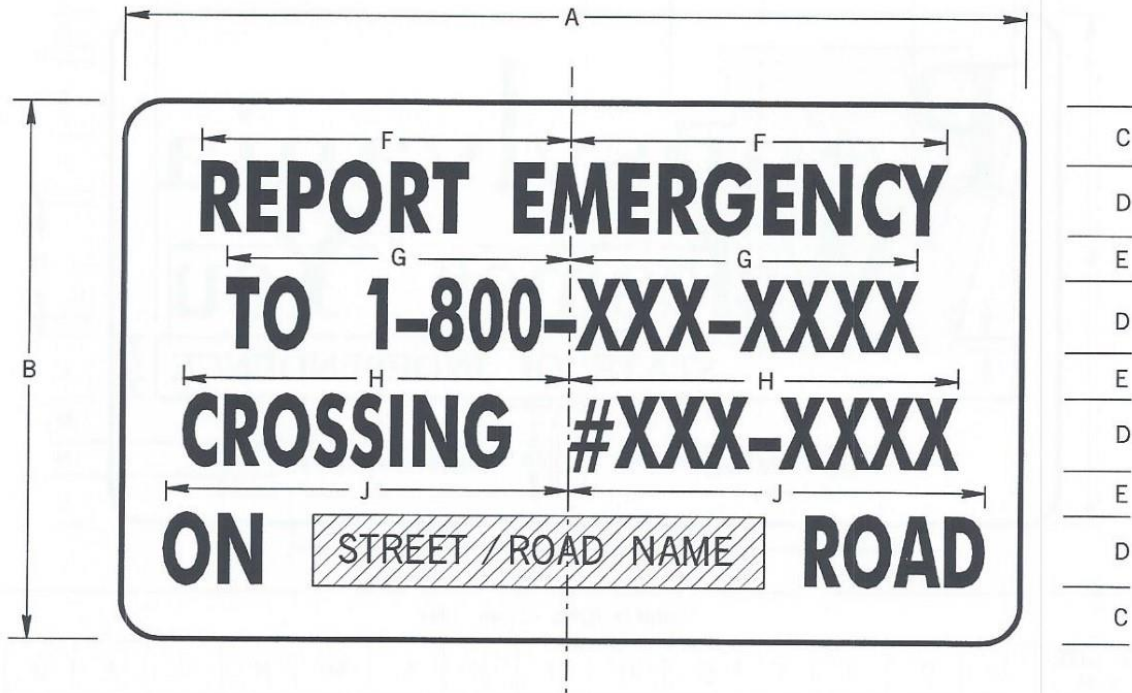
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I-13A

EMERGENCY NOTIFICATION SIGN

The Emergency Notification Sign (I-13A) is to facilitate emergency notification of the railroad, especially in the event that a vehicle is stalled or disabled on the railroad tracks.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
750 x 450 (30" x 18")	56 (2.3)	50C (2C)	46 (1.8)	278 (11.1)	VAR.	VAR.	VAR.	15 (0.6)	B5-750450 (B5-3018)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I13-2

PENNSYLVANIA WELCOMES YOU SIGN

(a) Justification. The Pennsylvania Welcomes You Sign (I13-2) may be used on major highways near the point of entry into the Commonwealth.

(b) Size. The standard size of the I13-2 sign is 6600 mm by 3600 mm (264" x 144") for Interstate highways, 4800 mm by 2700 mm (192" x 108") for other expressways and freeways, and 3600 mm by 1950 mm (144" x 78") for conventional highways.



DIMENSIONS - mm (IN)															
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R
3600 x 1950 (144" x 78")	125 (5)	75 (3)	263 (10.5)	213 (8.5)	62 (2.5)	425 (17)	200 (8)	75 (3)	225 (9)	175 (7)	125 (5)	187 (7.5)	95 (3.8)	125 (5)	1626 (64)
4800 x 2700 (192" x 108")	162 (6.5)	37 (1.5)	363 (14.5)	388 (15.5)	88 (3.5)	575 (23)	275 (11)	175 (7)	300 (12)	212 (8.5)	150 (6)	250 (10)	110 (4.5)	150 (6)	2169 (85.4)
6600 x 3600 (264" x 144")	237 (9.5)	50 (2)	488 (19.5)	450 (18)	125 (5)	775 (31)	350 (14)	250 (10)	400 (16)	275 (11)	200 (8)	350 (14)	150 (6)	200 (8)	2985 (117.5)
7200 x 3600 (288" x 144")	237 (9.5)	50 (2)	488 (19.5)	450 (18)	112 (4.5)	775 (31)	350 (14)	238 (9.5)	400 (16)	300 (12)	200 (8)	350 (14)	150 (6)	226 (9)	3200 (126)

DIMENSIONS - mm (IN)													
SIGN SIZE A x B	S	T	U	V	W	X	Y	Z	AA	AB	AC	BOR- DER	
3600 x 1950 (144" x 78")	1219 (48)	478 (18.8)	1591 (62.6)	25 (1)	18 (0.7)	51 (2)	50 (2)	1308 (52.3)	1128 (44.4)	300 (12)	87 (3.5)	45 (1.8)	
4800 x 2700 (192" x 108")	1600 (63)	709 (27.9)	1981 (78)	30 (1.2)	25 (1)	51 (2)	75 (3)	1747 (69.9)	1394 (54.9)	350 (14)	100 (4)	45 (1.8)	
6600 x 3600 (264" x 144")	2184 (86)	1003 (39.5)	2718 (107)	40 (1.6)	38 (1.5)	51 (2)	100 (4)	2400 (96)	1910 (75.2)	500 (20)	150 (6)	45 (1.8)	
7200 x 3600 (288" x 144")	2388 (94)	1252 (49.3)	2997 (118)	40 (1.6)	38 (1.5)	51 (2)	87 (3.5)	2616 (104.6)	1910 (75.2)	500 (20)	150 (6)	45 (1.8)	

COLOR:

LEGEND AND BORDER & BAR:
 WHITE (REFLECTORIZED)
 BACKGROUND & "STATE OF INDEPENDENCE":
 BLUE (REFLECTORIZED)
 KEYSTONE:
 GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

I13-2A

ALTERNATE WELCOME TO PENNSYLVANIA SIGN

The Alternate Welcome to Pennsylvania Sign (I13-2A) may be used near the point of entry into the Commonwealth on any roadway which does not have a Pennsylvania Welcomes You Sign (I13-2) erected.

The standard size of the I13-2A sign is 1200 mm by 600 mm (48" x 24"). However, where adequate space exists, the 1800 mm by 900 mm (72" x 36") size may be used.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	BOR- DER	BLANK STD.
1200 x 600 (48" x 24")	100 (4)	175 (7)	125 (5)	813 (32)	1100 (43.3)	20 (0.8)	B7-1200600 (B7-4824)
1800 x 900 (72" x 36")	150 (6)	260 (10.4)	190 (7.6)	1219 (48)	1632 (64.3)	20 (0.8)	—

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

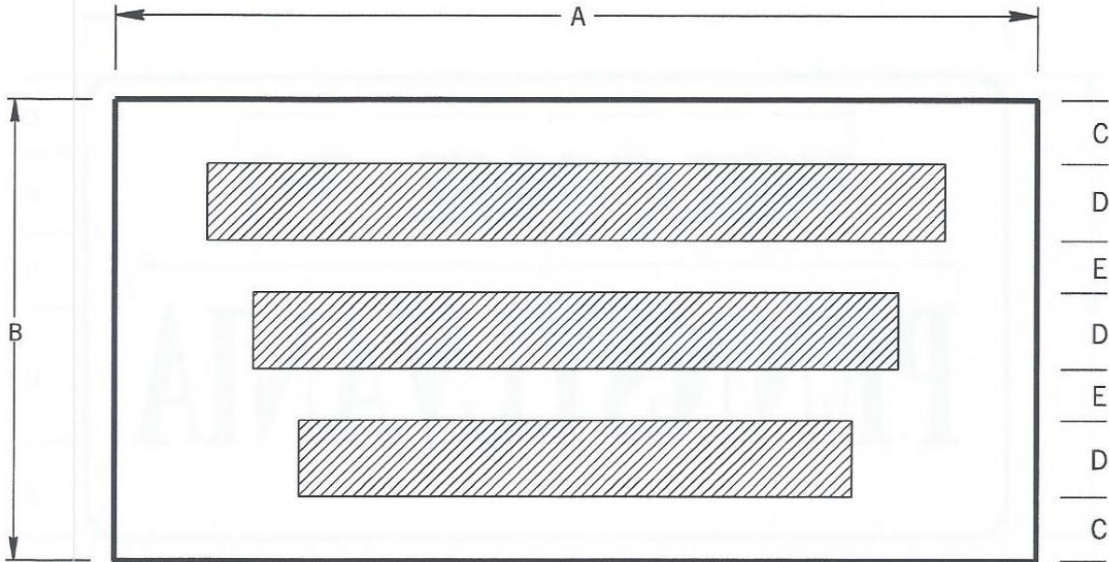
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I13-3

MOUNTAIN SUMMIT AND ELEVATION SIGN

(a) Justification. The Mountain Summit and Elevation Sign (I13-3) 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 I13-3 sign shall be located either on or before the summit at an advantageous location.



DIMENSIONS - mm (IN)					
SIGN SIZE A x B	C	D	E	BOR- DER	BLANK STD.
3000 x 1500 (120" x 60")	210 (8.4)	250* (10)*	165 (6.6)	45 (1.8)	B13-30001500 (B13-12060)
3600 x 1500 (144" x 60")	210 (8.4)	250* (10)*	165 (6.6)	45 (1.8)	B13-36001500 (B13-14460)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I14-1

KEEP PENNSYLVANIA BEAUTIFUL SIGN

The Keep Pennsylvania Beautiful Sign (I14-1) is normally the type of anti-littering sign used along selected on-ramps for public education purposes. The sign may also be used in areas of concentrated tourism or scenic beauty where littering is especially to be discouraged, at pull-off areas and other sites that may be prone or susceptible to littering due to a combination of factors (remoteness of location, proximity to commercial areas with fast-food establishments, etc.), at locations that experience frequent littering, and at a reasonable number of other locations for public education. Placement must be such that the I14-1 sign will not detract from the proper functioning of other necessary traffic control devices. The I14-1 sign may be used alone, or in sequence with other anti-littering signs provided that each sign is mounted on separate supports. The sign should not be installed along sections of highway that have already been adopted under the Department's Adopt-A-Highway Program, but existing I14-1 signs may remain in place for their useful life along sections of highway that are later adopted.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L
1200 x 750 (48" x 30")	60 (2.4)	100E(M) (4E(M))	75E(M) (3E(M))	45 (1.8)	20 (0.8)	100D (4D)	177 (7)	530 (21)	361 (14.3)

DIMENSIONS - mm (IN)								
SIGN SIZE A x B	M	N	P	Q	R	S	BOR- DER	BLANK STD.
1200 x 750 (48" x 30")	420 (16.8)	508 (20.1)	335 (13.4)	155 (6.2)	110 (4.4)	106 (4.2)	25 (1)	B5-1200750 (B5-4830)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

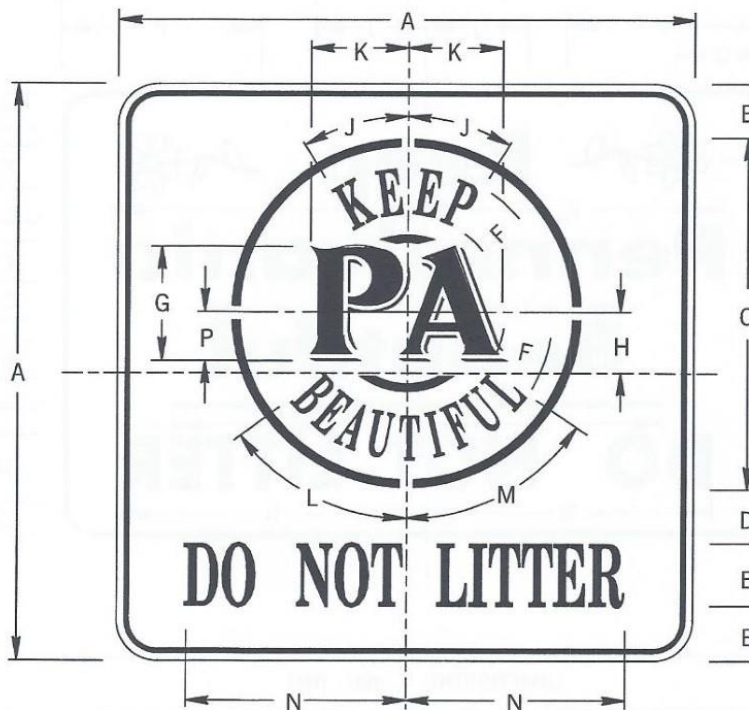
By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I14-2

KEEP PA BEAUTIFUL SYMBOL SIGN

The Keep PA Beautiful Symbol Sign (I14-2) is normally the type of anti-littering sign used along exit ramps into (entrances to) welcome centers, rest areas, parking areas, and scenic views. It may also be placed at other locations as necessary within these facilities. The I14-2 sign may also be used in areas of concentrated tourism or scenic beauty where littering is especially to be discouraged, at pull-off areas and other sites that may be prone or susceptible to littering due to a combination of factors (remoteness of location, proximity to commercial areas with fast-food establishments, etc.), at locations that experience frequent littering, and at a reasonable number of other locations for public education. Placement must be such that the I14-2 sign will not detract from the proper functioning of other necessary traffic control devices. The I14-2 sign may be used alone, or in sequence with other anti-littering signs provided that each sign is mounted on separate supports. The sign should not be installed along sections of highway that have already been adopted under the Department's Adopt-A-Highway Program, but existing I14-2 signs may remain in place for their useful life along sections of highway that are later adopted.

The 900 mm by 900 mm (36" x 36") size I14-2 sign should be used on freeways and expressways and their ramps, including limited access highway ramps for welcome centers, rest areas, parking areas, and scenic views.



DIMENSIONS - mm (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.
750 x 750 (30" x 30")	75 (3)	450 (18)	75 (3)	75 (3)	75 (3)	150 (6)	75 (3)	106 (4.2)	125 (5)	175 (7)	181 (7.2)	288* (11.3)*	75 (3)	10 (0.4)	20 (0.8)	B3-750 (B3-30)
900 x 900 (36" x 36")	85 (3.4)	550 (22)	80 (3.2)	100 (4)	75 (3)	175 (7)	90 (3.6)	125 (5)	150 (6)	212 (8.5)	219 (8.8)	344** (13.5)**	88 (3.5)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

* REDUCE SPACING 36%

** REDUCE SPACING 43%

FONT:

KEEP, BEAUTIFUL COOPER BLACK
DO NOT LITTER COOPER BLACK
PA COOPER BLACK (MODIFIED)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

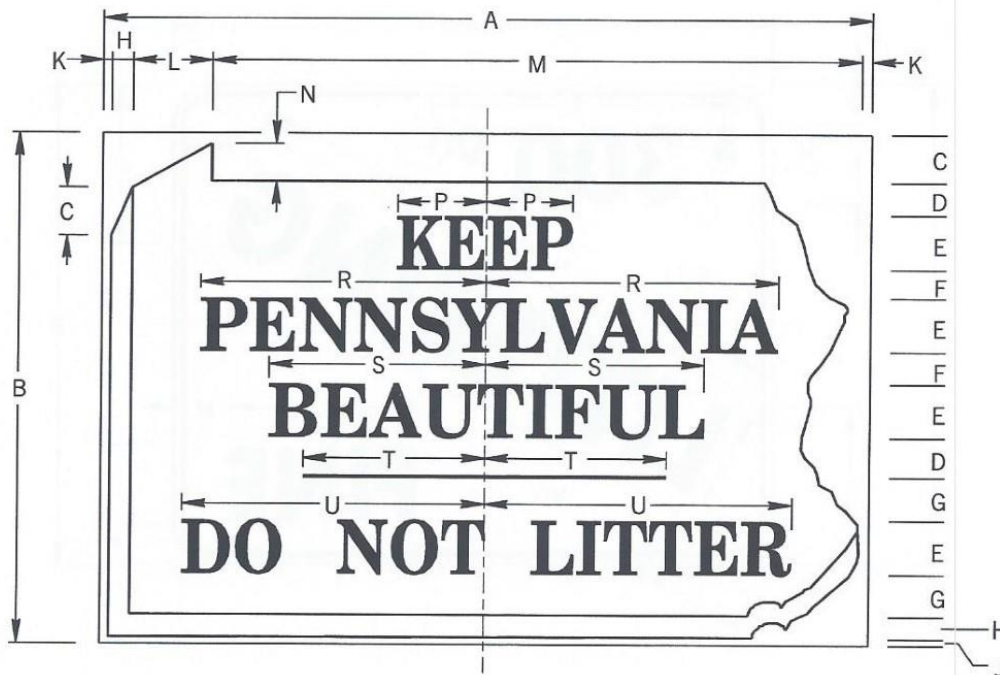
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I14-3

KEEP PENNSYLVANIA BEAUTIFUL STATE OUTLINE SIGN

The Keep Pennsylvania Beautiful State Outline Sign (I14-3) is normally the first type of anti-littering sign used on conventional highway entry points to the Commonwealth. The sign may also be used in areas of concentrated tourism or scenic beauty where littering is especially to be discouraged, at pull-off areas and other sites that may be prone or susceptible to littering due to a combination of factors (remoteness of location, proximity to commercial areas with fast-food establishments, etc.), at locations that experience frequent littering, and at a reasonable number of other locations for public education. Placement must be such that the I14-3 sign will not detract from the proper functioning of other necessary traffic control devices. The I14-3 sign may be used alone, or in sequence with other anti-littering signs provided that each sign is mounted on separate supports. The sign should not be installed along sections of highway that have already been adopted under the Department's Adopt-A-Highway Program, but existing I14-3 signs may remain in place for their useful life along sections of highway that are later adopted.

The I14-3 sign can be manufactured using either legend with a Cooper Black font or Series D legend.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M
1200 x 750 (48" x 30")	53 (2.1)	55 (2.2)	75D* (3D)*	50 (2)	70 (2.8)	25 (1)	22 (0.9)	12 (0.5)	140 (5.6)	1011 (40.4)

DIMENSIONS - mm (IN)									
SIGN SIZE A x B	N	P	R	S	T	U	OUT- LINE	BLANK STD.	
1200 x 750 (48" x 30")	44 (1.8)	120 (4.7)	381 (15.0)	268 (10.5)	225 (9)	381 (15.1)	5 (0.2)	B5-1200750 (B5-4830)	

* COOPER BLACK FONT CAN BE USED

COLOR:

LEGEND AND BACKGROUND:
WHITE (REFLECTORIZED)

STATE AND OUTLINE:
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I14-4

LITTER FINE SIGN

The Litter Fine Sign (I14-4) is particularly recommended for use at specific sites where littering actually has been a recurring problem and along entrance ramps from welcome centers, rest areas, parking areas, and scenic views to the mainline roadway. It may also be placed at other locations as necessary within these facilities. The sign may also be used in pull-off areas and at other sites that may be prone or susceptible to littering due to a combination of factors (remoteness of location, proximity to commercial areas with fast-food establishments, etc.), in areas of concentrated tourism or scenic beauty where littering is especially to be discouraged, and at a reasonable number of other locations for public education. Placement must be such that the I14-4 sign will not detract from the proper functioning of other necessary traffic control devices. The I14-4 sign may be used alone, or in sequence with other anti-littering signs provided that each sign is mounted on separate supports. The sign should not be installed along sections of highway that have already been adopted under the Department's Adopt-A-Highway Program, but existing I14-4 signs may remain in place for their useful life along sections of highway that are later adopted.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	BOR- DER	BLANK STD.
750 x 600 (30" x 24")	198 (7.9)	50C (2C)	100C (4C)	25 (1)	125C (5C)	137 (5.5)	38 (1.5)	380 (15)	231 (9.1)	75 (3)	671 (26.4)	50 (2)	10 (0.4)	B5-750600 (B5-3024)

COLOR:

NO.1

LEGEND:

WHITE (REFLECTORIZED)

BACKGROUND:

GREEN (REFLECTORIZED)

NO.2

LEGEND:

GREEN (REFLECTORIZED)

BACKGROUND:

WHITE (REFLECTORIZED)

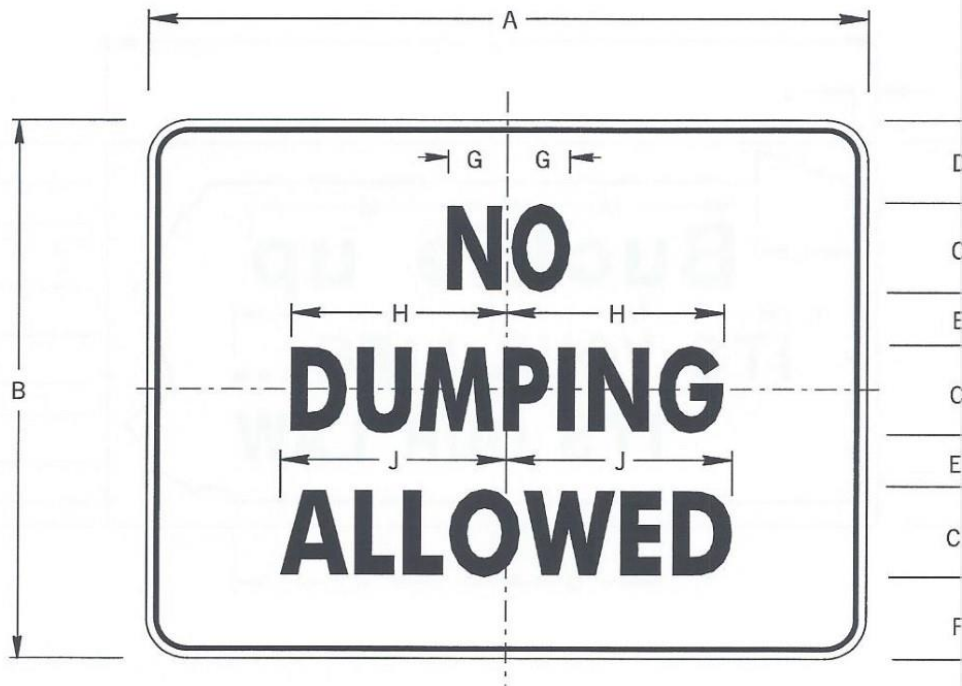
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
 Chief, Traffic Engineering and Operations Division
 Bureau of Highway Safety and Traffic Engineering

I14-5

NO DUMPING ALLOWED SIGN

The No Dumping Allowed Sign (I14-5) may be used at locations where there have been recurring instances of dumping heavy volumes of litter, garbage, or other waste material. The I14-5 sign may be used alone, or in sequence with other anti-littering signs provided that each sign is mounted on separate supports.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.	
600 x 450 (24" x 18")	75C (3C)	67 (2.7)	45 (1.8)	68 (2.7)	51 (2)	182 (7.1)	191 (7.6)	10 (0.4)	15 (0.6)	B5-600450 (B5-2418)	

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

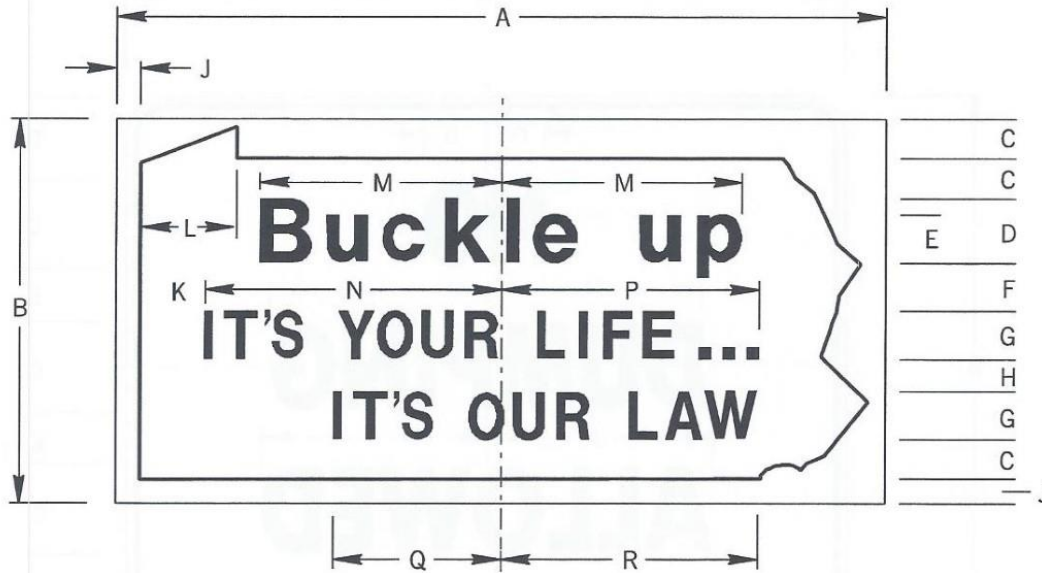
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I14-6

BUCKLE-UP SIGN

The Buckle-Up Sign (I14-6) may be used on Freeway entrances to the State to remind drivers that seat belts are required by law.



DIMENSIONS - mm (IN)														
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
2400 x 1200 (96" x 48")	125 (5)	200E(M) (8E(M))	150E(M) (6E(M))	150 (6)	150D (6D)	100 (4)	75 (3)	175 (7)	300 (12)	790 (31.2)	950 (38)	740 (28.9)	470 (18.5)	887 (35.1)

COLOR:

LEGEND AND BORDER:
BLUE (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

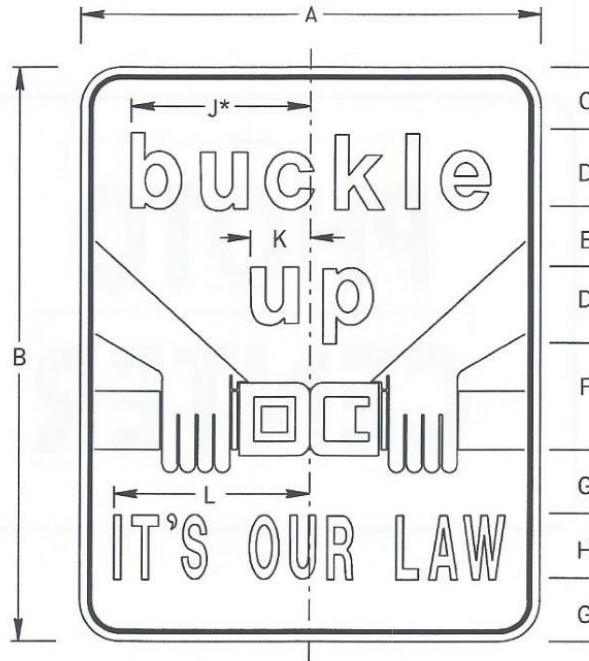
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I14-6A

BUCKLE-UP SIGN

The Buckle-Up Sign (I14-6A) may be used at major conventional highway entrances to the State, beyond major intersections on corridors where there is a high incidence of "drinking" accidents, and on exit roadways from rest areas or other parking lots to remind drivers that seat belts are required by law. The 600 mm by 750 mm (24" x 30") size should be limited to low speed situations.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	80 (3.2)	100E(M) (4E(M))	85 (3.4)	130 (5.2)	85 (3.4)	85B (3.4B)	268 (10.6)	112 (4.4)	266 (10.5)	20 (0.8)	B5-750600 (B5-3024)
750 x 900 (30" x 36")	100 (4)	120E(M) (4.8E(M))	95 (3.8)	165 (6.6)	100 (4)	100B (4B)	322 (12.7)	134 (5.3)	313 (12.3)	25 (1)	B5-900750 (B5-3630)

* REDUCE SPACING 60%

COLOR:

LEGEND, SYMBOL, AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

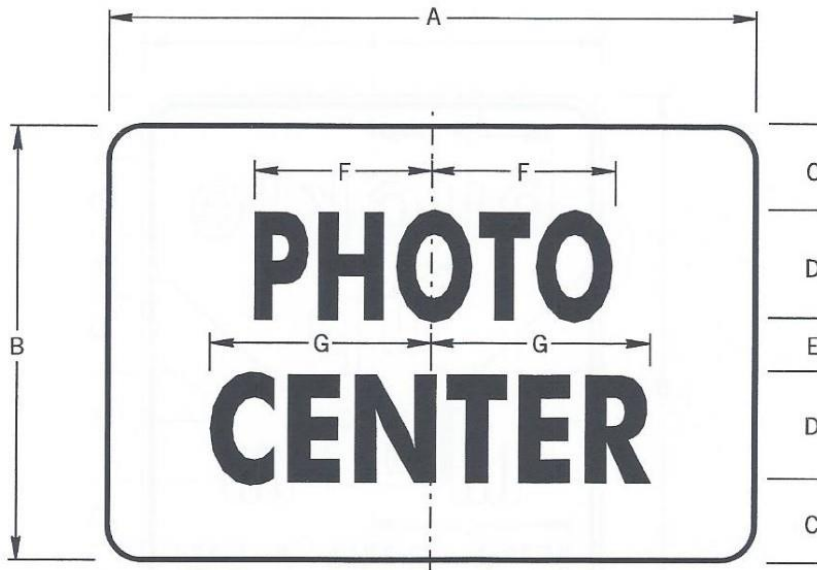
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I15-1

PHOTO CENTER SIGN

The Photo Center Sign (I15-1) may be erected at a Photo Drivers License Center in order to indicate its location.



DIMENSIONS - mm (IN)							
SIGN SIZE A x B	C	D	E	F	G	BOR- DER	BLANK STD.
450 x 300 (18" x 12")	55 (2.2)	75D (3D)	40 (1.6)	160 (6.3)	182 (7.2)	10 (0.4)	B5-450300 (B5-1812)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I15-2

PHOTO CENTER PARKING SIGN

The Photo Center Parking Sign (I15-2) may be used to mark the location of parking spaces which are reserved for Photo Drivers License Center visitors. In addition, the I15-2 sign, along with the Photo Center Directional Arrow (I15-4), may be used to direct motorists to the reserved parking spaces.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	BOR- DER	BLANK STD.
450 x 450 (18" x 18")	62 (2.5)	75C (3C)	50 (2)	63 (2.5)	134 (5.3)	153 (6)	177 (7)	10 (0.4)	B3-450 (B3-18)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

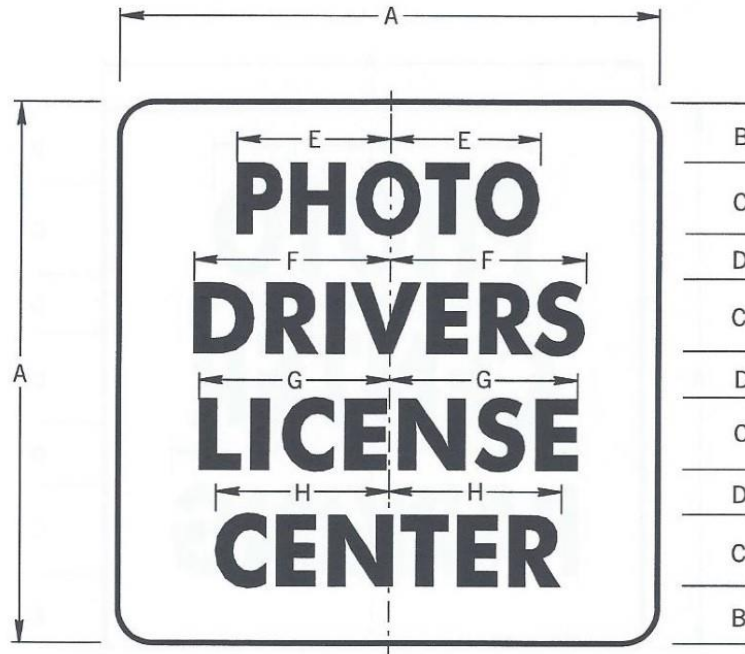
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I15-3

PHOTO DRIVERS LICENSE CENTER SIGN

The Photo Drivers License Center Sign (I15-3) may be used in advance of a Photo Drivers License Center. The Photo Center Directional Arrow (I15-4) should normally be mounted with the I15-3 sign to direct motorists to the Photo Drivers License Center.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	H	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	82 (3.25)	100D (4D)	62 (2.5)	213 (8.4)	275 (10.9)	268 (10.5)	243 (9.6)	15 (0.6)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

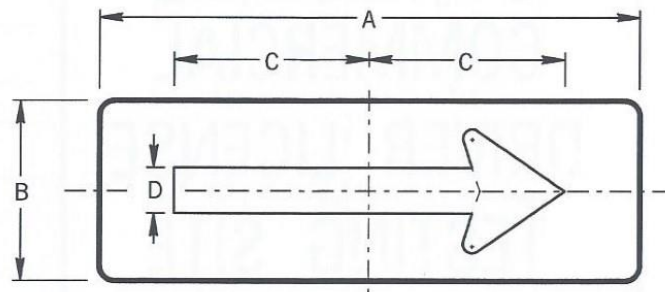
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I15-4

PHOTO CENTER DIRECTIONAL ARROW

The Photo Center Directional Arrow (I15-4) may be used with I15-2, I15-3, and I16-1 signs to direct motorists to Photo Center Parking, Photo Drivers License Centers, and Commercial Drivers License Testing Sites.



NOTE:
SEE STANDARD ARROW
FOR DIMENSIONS OF
ARROWHEAD

DIMENSIONS - mm (IN)				
SIGN SIZE A x B	C	D	BOR- DER	BLANK STD.
450 x 150 (18" x 6")	160 (6.4)	40 (1.6)	10 (0.4)	B5-450150 (B5-1806)

COLOR:

ARROW AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

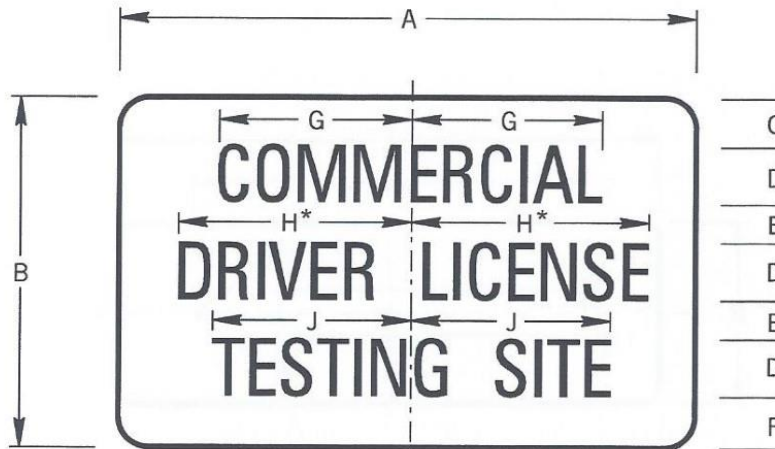
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I16-1

COMMERCIAL DRIVER LICENSE TESTING SITE SIGN

The Commercial Driver License Testing Site Sign (I16-1) may be used in advance of a Commercial Driver License Testing Site. The Photo Center Directional Arrow (I15-4) should normally be mounted with the I16-1 sign to direct motorists to the Commercial Driver License Testing Site. In addition, the I16-1 sign may be used near the entrance to the Testing Site in order to indicate its location.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	J	BOR- DER	BLANK STD.
750 x 450 (30" x 18")	62 (2.5)	75C (3)	50 (2)	63 (2.5)	264 (10.4)	317 (12.5)	290 (11.4)	10 (0.4)	B5-750450 (B5-3018)

* REDUCE SPACING 30%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

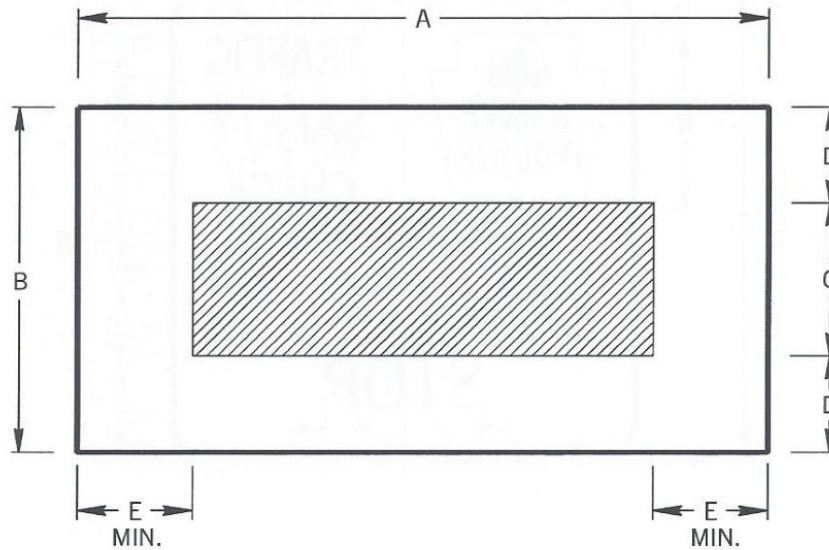
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

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.

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 - mm (IN)				
SIGN SIZE A x B	C	D	E	BOR- DER
VAR. x 450 (VAR. x 18")	200F (8F)	125 (5)	150 (6)	20 (0.8)

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
GREEN (REFLECTORIZED)

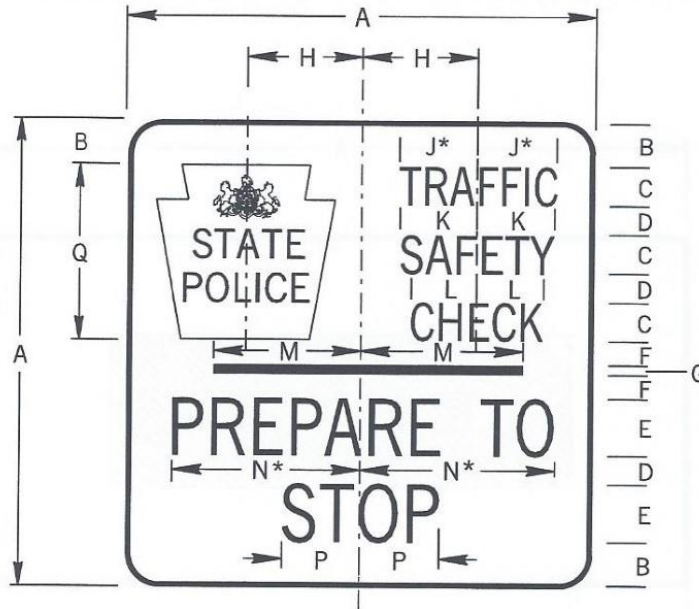
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I30-1

TRAFFIC SAFETY CHECK SIGN

The Traffic Safety Check Sign (I30-1) may be used by the State Police and other police agencies to provide advance warning to drivers that they may be required to stop for purposes of a traffic safety check. When agencies other than the State Police are performing the safety check, another emblem may be used. The 900 mm by 900 mm (36" x 36") size may only be used on roadways with a speed limit of 60 km/h (35 MPH) or less.



DIMENSIONS - mm (IN)															
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	BOR- DER
900 x 900 (36" x 36")	85 (3.4)	75C (3C)	55 (2.2)	100C (4C)	60 (2.4)	20 (0.8)	215 (8.6)	159 (6.3)	152 (6.0)	130 (5.1)	225 (9)	337 (13.3)	139 (5.5)	335 (13.4)	20 (0.8)
1200 x 1200 (48" x 48")	110 (4.4)	100C (4C)	75 (3)	150C (6C)	65 (2.6)	25 (1)	180 (7.2)	212 (8.4)	203 (8.0)	174 (6.9)	300 (12)	503 (19.9)	207 (8.2)	450 (18)	25 (1)

* REDUCE SPACING 25%

COLOR:

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

SHIELD:
LEGEND AND BORDER
WHITE (REFLECTORIZED)
BACKGROUND
GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I30-2

TRUCK SURVEY AHEAD SIGN

The Truck Survey Ahead Sign (I30-2) may be used to inform motorists of a truck survey operation.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
1200 x 1200 (48" x 48")	200C (8C)	100 (4)	350 (13.8)	432 (17)	356 (14)	20 (0.8)	25 (1)	B3-1200 (B3-48)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

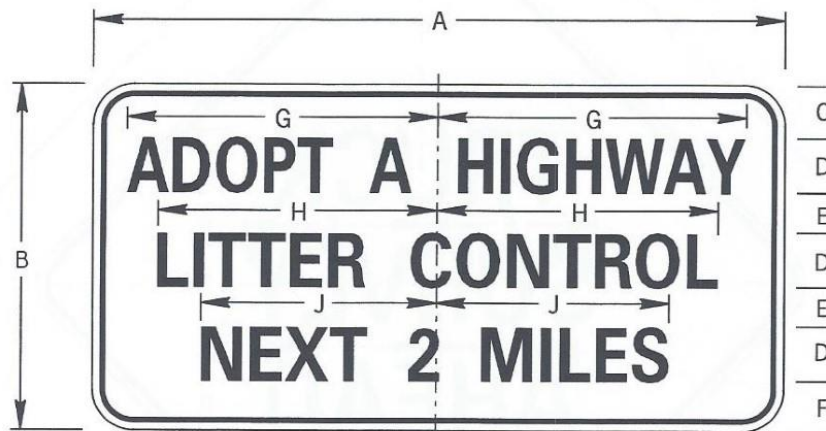
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I40-1

ADOPT-A-HIGHWAY, NEXT 2 MILES SIGN

This sign may be erected at each end of an adopted 3 km (2 MILES) section of highway to inform motorists of the litter control program. The sign should be placed together with either an I42-Series or I43-Series sign designating an individual or group name. The I40-1 sign shall be mounted above the I42-Series or I43-Series sign. Only one Adopt-A-Highway sign installation is to be erected in each direction of travel along a 3 km (2 MILES) section of highway. The larger 1200 mm by 600 mm (48" x 24") sign is for use on freeways and expressways only.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
900 x 450 (36" x 18")	62 (2.5)	75C (3C)	50 (2)	63 (2.5)	413 (16.3)	355 (14)	314 (12.4)	10 (0.4)	10 (0.4)	B5-900450 (B5-3618)
1200 x 600 (48" x 24")	85 (3.4)	100D (4D)	65 (2.6)	85 (3.4)	537* (21.1)*	554 (21.9)	478 (18.9)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

* REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

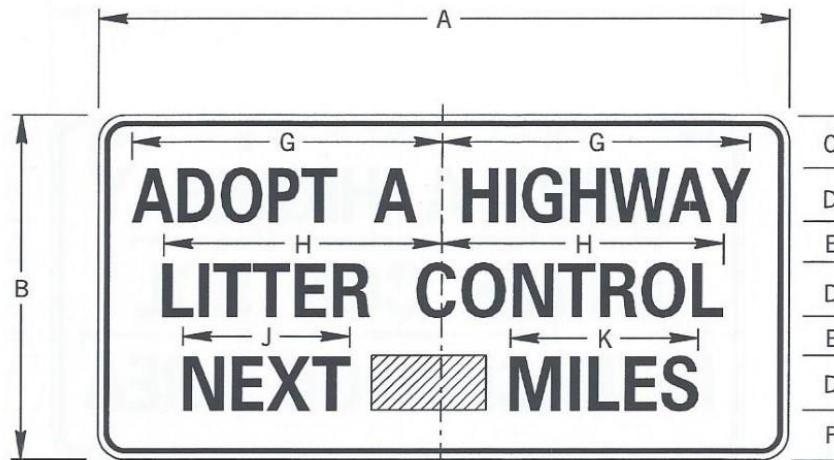
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I40-2

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 either an I42-Series or I43-Series sign designating an individual or group name. The I40-2 sign shall be mounted above the I42-Series or I43-Series sign. Only one Adopt-A-Highway sign installation is to be erected in each direction of travel along a () mile section of highway. The larger 1200 mm by 600 mm (48" x 24") sign is for use on freeways and expressways only.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	MAR- GIN	BOR- DER	BLANK STD.
900 x 450 (36" x 18")	62 (2.5)	75C (3C)	50 (2)	63 (2.5)	413 (16.3)	355 (14)	200 (7.9)	236 (9.3)	10 (0.4)	10 (0.4)	B5-900450 (B5-3618)
1200 x 600 (48" x 24")	85 (3.4)	100D (4D)	65 (2.6)	85 (3.4)	537* (21.1)*	554 (21.9)	316 (12.4)	372 (14.7)	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

* REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

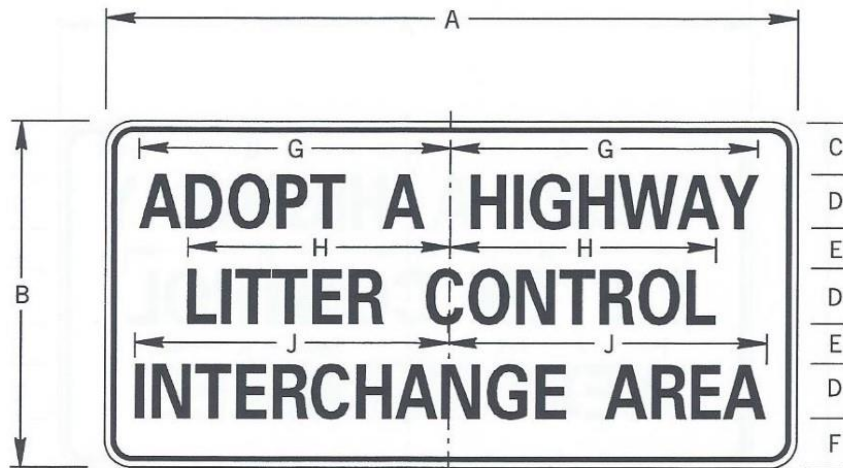
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I40-3

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 - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
900 x 450 (36" x 18")	62 (2.5)	75C (3C)	50 (2)	63 (2.5)	413 (16.3)	355 (14)	415 (16.7)	10 (0.4)	10 (0.4)	B5-900450 (B5-3618)
1200 x 600 (48" x 24")	85 (3.4)	100D (4D)	65 (2.6)	85 (3.4)	537* (21.1)*	554 (21.9)	565* (22.3)*	10 (0.4)	15 (0.6)	B5-1200600 (B5-4824)

* REDUCE SPACING 60%

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

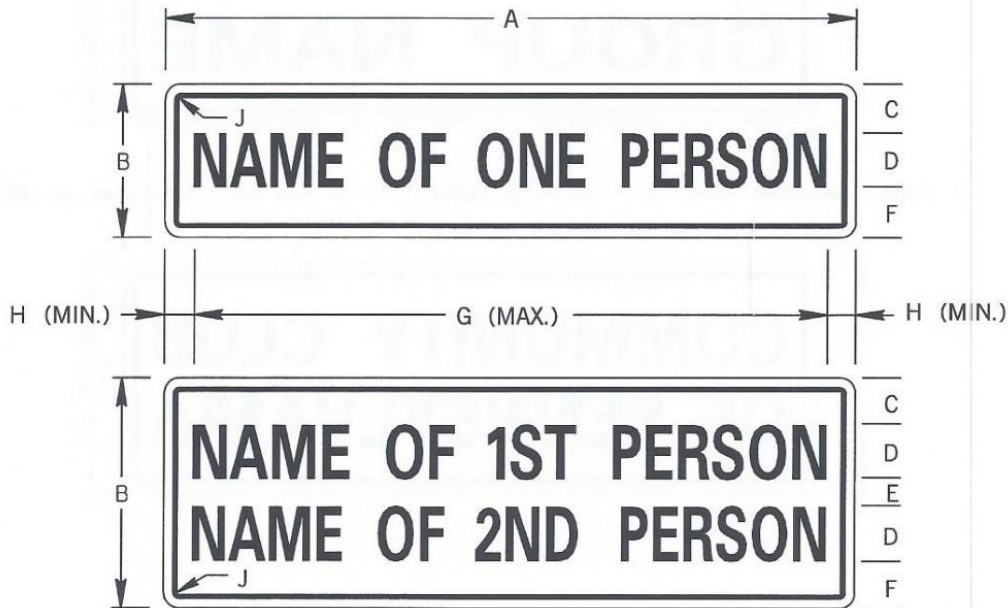
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I42-1 and I42-2

NAME OF PERSON(S)

The Name of Person(s) Sign containing a one-line or two-line message is for use beneath an I40-Series Adopt-A-Highway sign. The I42-1 is a one-line sign. The I42-2 is a two-line sign. Sign width shall be the same as the I40-Series sign above it.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
900 x 200 (36" x 8")	62 (2.5)	75* (3)*	-	63 (2.5)	800 (32)	50 (2)	10 (0.4)	10 (0.4)	10 (0.4)	B5-900200 (B5-3608)
900 x 300 (36" x 12")	55 (2.2)	75* (3)*	40 (1.6)	55 (2.2)	800 (32)	50 (2)	10 (0.4)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)
1200 x 200 (48" x 8")	50 (2)	100* (4)*	-	50 (2)	1080 (43.2)	60 (2.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-1200200 (B5-4808)
1200 x 450 (48" x 18")	90 (3.6)	100* (4)*	70 (2.8)	90 (3.6)	1080 (43.2)	60 (2.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-1200450 (B5-4818)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

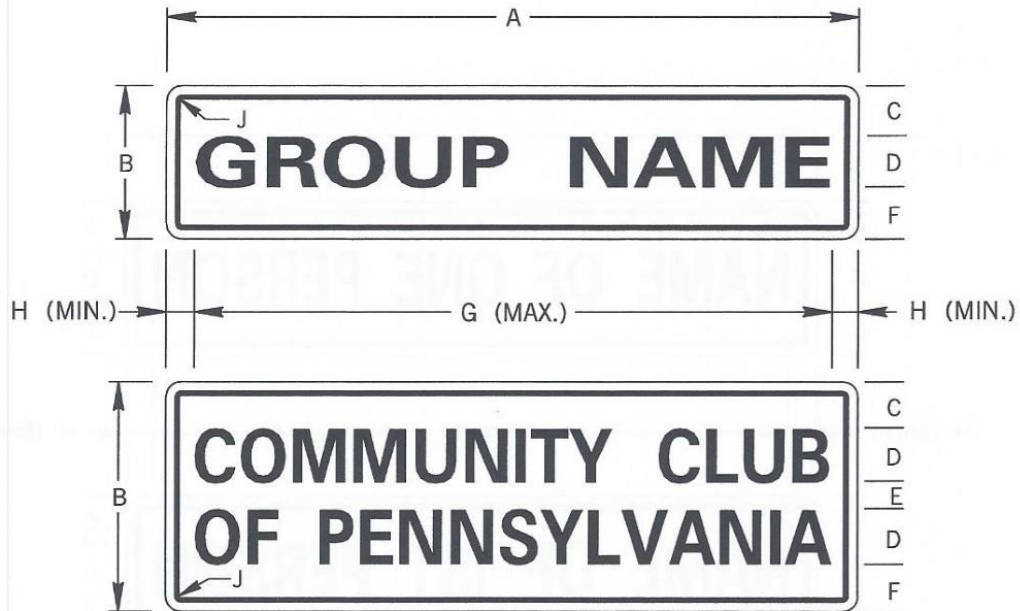
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I43-1 and I43-2

GROUP NAME SIGN

The Group Name Sign containing a one-line or two-line message is for use beneath an I40-Series Adopt-A-Highway sign. The I43-1 sign is a one-line sign. The I43-2 sign is a two-line sign.



DIMENSIONS - mm (IN)										
SIGN SIZE A x B	C	D	E	F	G	H	J	MAR- GIN	BOR- DER	BLANK STD.
900 x 200 (36" x 8")	62 (2.5)	75* (3)*	-	63 (2.5)	800 (32)	50 (2)	10 (0.4)	10 (0.4)	10 (0.4)	B5-900200 (B5-3608)
900 x 300 (36" x 12")	55 (2.2)	75* (3)*	40 (1.6)	55 (2.2)	800 (32)	50 (2)	10 (0.4)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)
1200 x 200 (48" x 8")	50 (2)	100* (4)*	-	50 (2)	1080 (43.2)	60 (2.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-1200200 (B5-4808)
1200 x 450 (48" x 18")	90 (3.6)	100* (4)*	70 (2.8)	90 (3.6)	1080 (43.2)	60 (2.4)	15 (0.6)	10 (0.4)	15 (0.6)	B5-1200450 (B5-4818)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

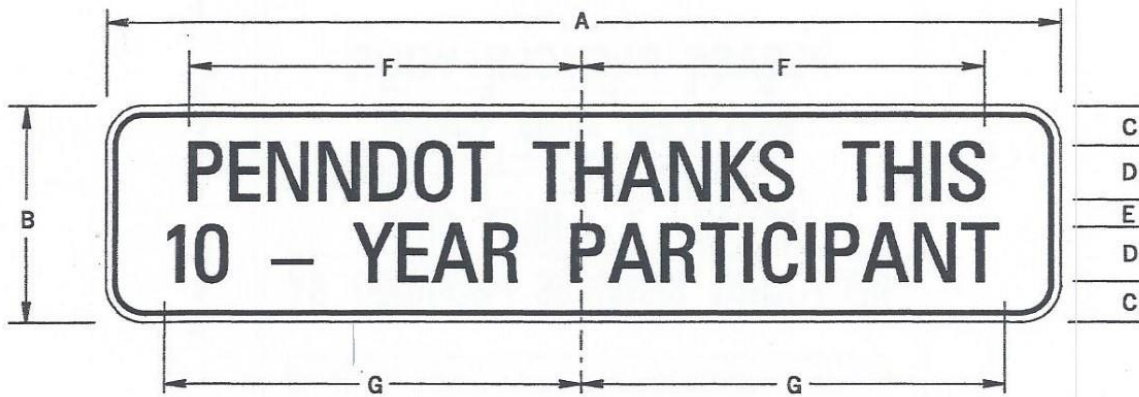
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I44-1

ADOPT-A-HIGHWAY THANK YOU SIGN

The Adopt-A-Highway Thank You Sign, (I44-1) is for use beneath an I40-Series Adopt-A-Highway Sign to thank 10-year participants in the Department's Adopt-A-Highway program.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	56 (2.2)	75B (3B)	38 (1.6)	405 (16)	406 (16.1)	10 (0.4)	15 (0.6)	B5-900300 (B5-3612)
1200 x 450 (48" x 18")	95 (3.8)	100B (4B)	60 (2.4)	540 (21.3)	542 (21.5)	10 (0.4)	15 (0.6)	B5-1200450 (B5-4818)

COLOR:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Raw Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

145-1

RECYCLING SERVICES SIGN

The Recycling Services Sign (145-1) may be mounted in roadside rest areas to identify that the indicated group(s) or individual(s) provides recycling services.



DIMENSIONS - mm (IN)						
SIGN SIZE A x A	B	C	D	E	F	G
900 x 900 (36" x 36")	40 (1.6)	235 (9.4)	25 (1)	50C (2C)	44 (1.8)	52 (2)

DIMENSIONS - mm (IN)											
SIGN SIZE A x A	H	J	K	L	M	N	P	BAR	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	135 (5.4)	349 (13.8)	291 (11.5)	250 (10)	382 (15.1)	400 (16)	50 (2)	10 (0.4)	10 (0.4)	10 (0.4)	B3-900 (B3-36)

* REDUCE SPACING 68%

COLOR:

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/TIN GREEN OUTLINE

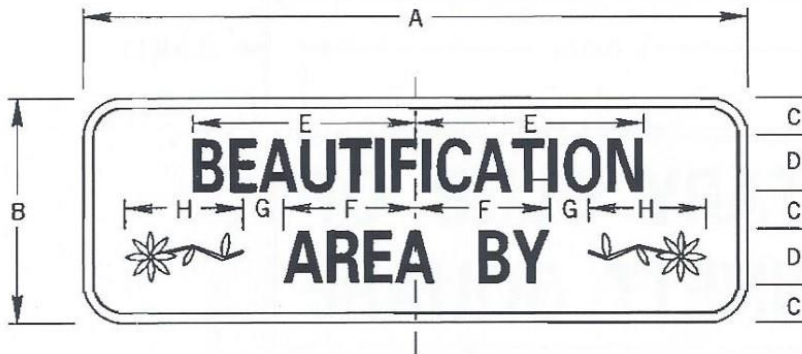
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

147-1

BEAUTIFICATION AREA SIGN

The Beautification Area Sign (147-1) may be mounted on top of a Beautification Area Sponsor Sign (147-2) 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 - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	50 (2)	75C (3C)	328 (13)	196 (7.7)	54 (2.2)	155 (6.2)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

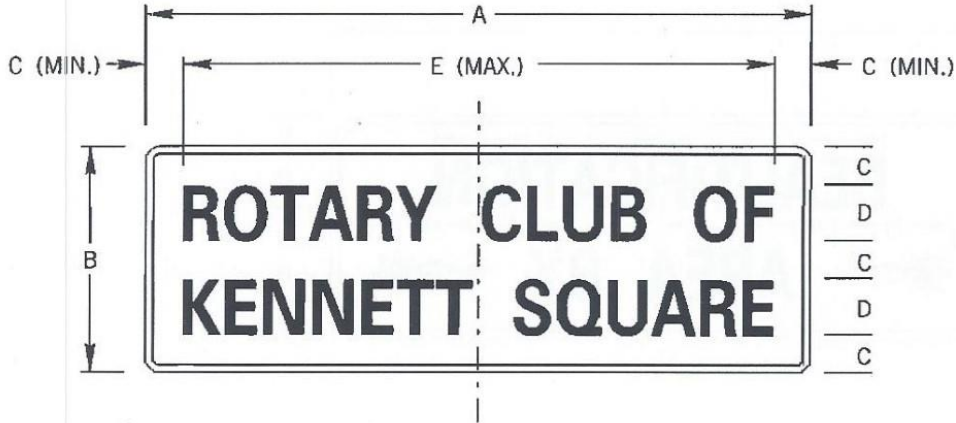
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : James P. Tunagala Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I47-2

BEAUTIFICATION AREA SPONSOR SIGN

The Beautification Area Sponsor Sign (I47-2) may be mounted below the Beautification Area Sign (I47-1) 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 - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
900 x 300 (36" x 12")	50 (2)	75* (3)*	800 (32)	10 (0.4)	10 (0.4)	B5-900300 (B5-3612)

* CHOOSE STANDARD ALPHABETS SERIES FOR BEST FIT

COLOR:

LEGEND AND BORDER:
GREEN (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

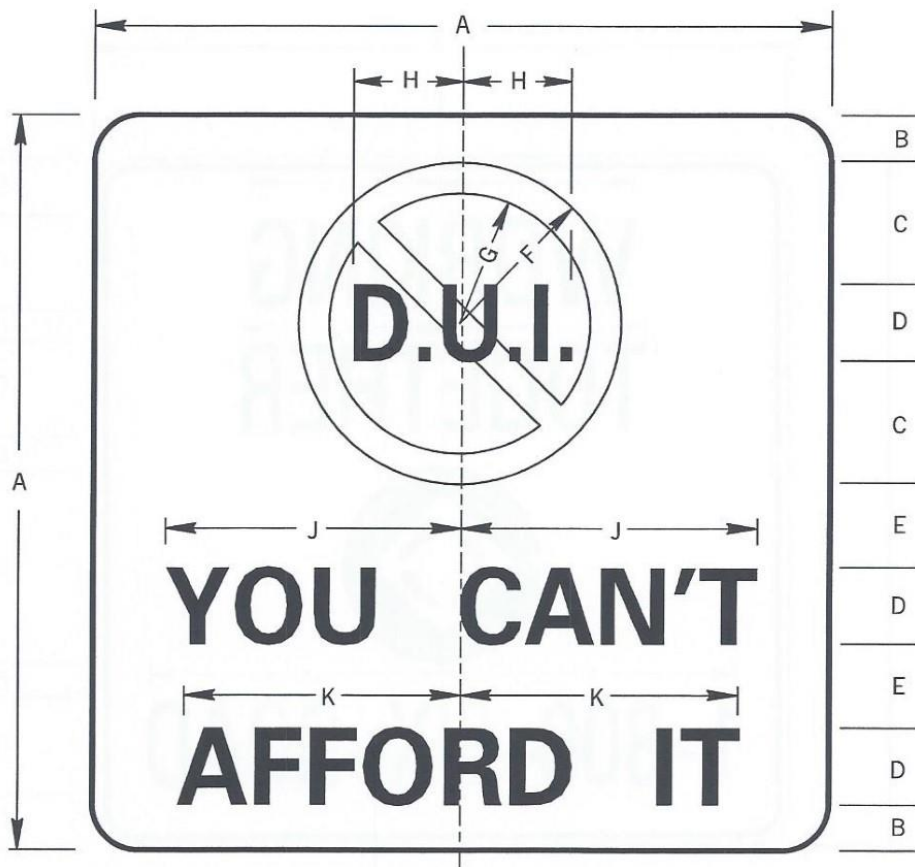
By : *James P. Maglio* Date : 2-1-2010
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I60-1

D.U.I. YOU CAN'T AFFORD IT SIGN

The D.U.I. You Can't Afford It Sign (I60-1) may be used to increase public awareness and emphasize to motorists the legal and financial consequences of driving under the influence of alcohol.

The sign is generally erected on roadways that have a high incidence of D.U.I. activity or accidents.



DIMENSIONS - mm (IN)											
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	75 (3)	150 (6)	100D (4D)	75 (3)	200 (8)	163 (6.5)	144 (5.7)	387 (15.3)	362 (14.2)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	75 (3)	200 (8)	125D (5D)	137.5 (5.5)	263 (10.5)	213 (8.5)	178 (7.1)	483 (19.1)	451 (17.8)	30 (1.2)	B3-1200 (B3-48)

COLOR:

LEGEND, BORDER AND
INSIDE CIRCLE:

WHITE (REFLECTORIZED)

CIRCLE AND DIAGONAL:

RED (REFLECTORIZED)

BACKGROUND:

BLUE (REFLECTORIZED)

FONT: D.U.I.

FULL BLOCK BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

170-1

AGILITY SIGN

The Agility Sign (170-1) may be used in advance of a work zone that is part of an agility project.

It should be incorporated into the standard sequence of advance signing, but shall not replace any other standard work zone traffic control sign.



DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	BOR- DER	MAR- GIN	BLANK STD.
900 x 900 (36" x 36")	75 (3)	125B (5B)	38 (1.5)	44 (1.8)	250 (10)	74 (2.9)	251 (9.9)	272 (10.7)	381 (15)	15 (0.6)	20 (0.8)	—
1200 x 1200 (48" x 48")	75 (3)	150B (6B)	88 (3.5)	80 (3.2)	350 (14)	77 (3.1)	302 (12)	327 (13)	525 (20.7)	20 (0.8)	30 (1.2)	—

COLOR:

LEGEND, SYMBOL AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

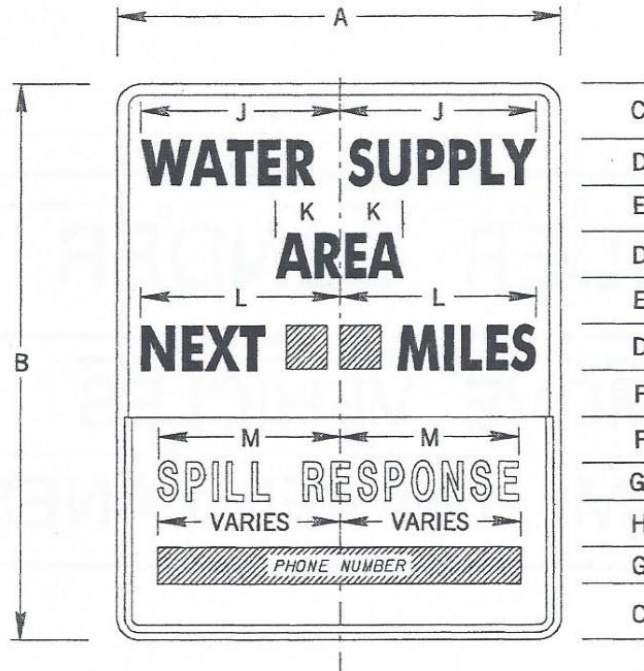
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : *Alan C Rowe* Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

180-1

WATER SUPPLY AREA SIGN

The Water Supply Area Sign (180-1) may be installed where a wellhead or watershed protection program approved by the Department of Environmental Protection (DEP) exists, and a water supply protection area plan is in use. The spill response telephone number shall be "911" where this service is available, if this service is not available the county emergency management agency number should be used, or if not available, DEP's toll-free number "1-800-541-2050" should be used.



DIMENSIONS - mm (IN)													
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	M	MAR- GIN	BOR- DER	BLANK STD.
900 x 900 (36" x 36")	100 (4)	75C (3C)	62.5 (2.5)	62.5 (2.5)	75C (3C)	75 (3)	326 (12.9)	106 (4.2)	344 (13.6)	371 (14.6)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	125 (5)	100C (4C)	100 (4)	75 (3)	100C (4C)	100 (4)	435 (17.2)	142 (5.6)	459 (18.1)	494 (19.5)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)
1200 x 1500 (48" x 60")	150 (6)	125C (5C)	125 (5)	125 (5)	100C (4C)	125 (5)	546 (21.4)	178 (7)	545 (21.4)	494 (19.5)	15 (0.6)	20 (0.8)	B5-15001200 (B5-6048)
2250 x 2550 (90" x 102")	250 (10)	200C (8C)	200 (8)	225 (9)	200C (8C)	200 (8)	870 (34.3)	284 (11.2)	923 (36.3)	988 (39)	20 (0.8)	30 (1.2)	—

COLOR:

TOP:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

BOTTOM:

LEGEND AND BORDER:
BLUE (REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

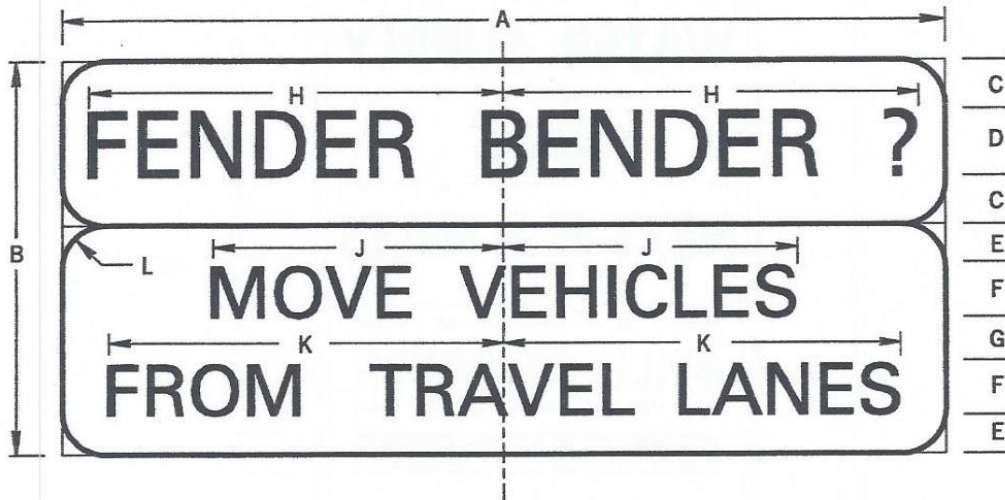
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

185-1

FENDER BENDER SIGN

Fender Bender Sign (185-1) 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 "fender bender" type accident.



DIMENSIONS - mm (IN)											
SIGN SIZE A x B	C	D	E	F	G	H	J	K	L	BOR- DER	BLANK STD.
4050 x 1800 (162" x 72")	225 (9)	300D (12D)	175 (7)	250D (10D)	200 (8)	1905 (75.4)	1346 (53.1)	1819 (71.8)	300 (12)	45 (1.8)	—

COLOR:

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

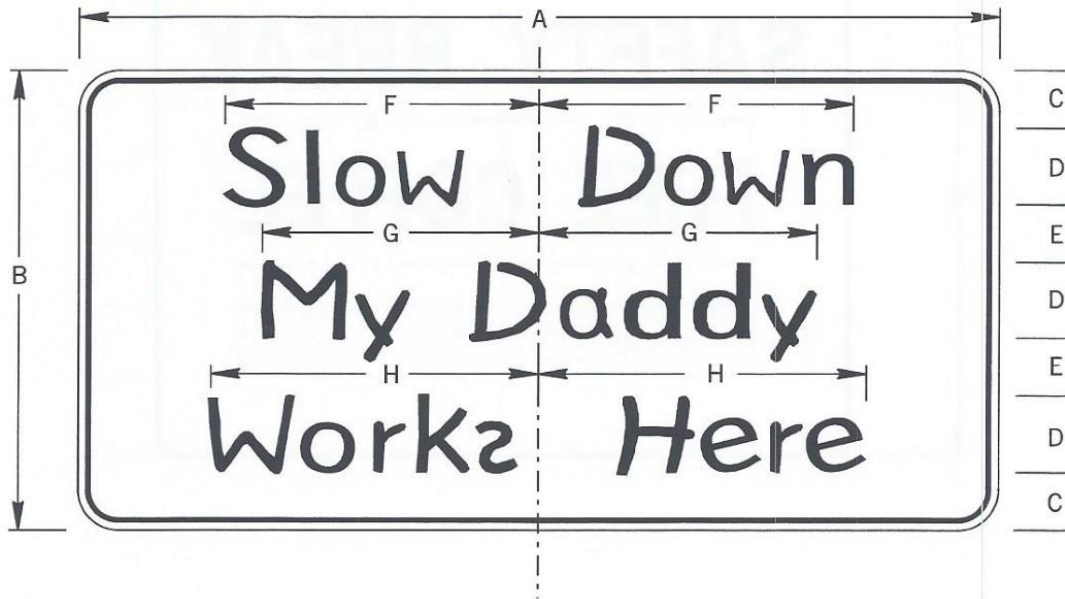
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

192-1

SLOW DOWN MY DADDY WORKS HERE SIGN

The Slow Down My Daddy Works Here Sign (192-1) may be used on maintenance or construction projects to encourage motorists to reduce their speed while traveling through a work area where workers are working in close proximity to the travel lane and are unprotected by concrete barriers. The (192-1) sign should be placed at the beginning of the project in both directions where space permits. Where work is in both directions, the term "Daddy" should be used in one direction and the term "Mommy" should be used in the other direction. Where work is in one direction only, either term may be used. Use "KIDS" font for all legend. The Department can provide this font upon request. On construction projects the standard size shall be 2400 mm x 1200 mm (96" x 48").



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
1200 x 750 (48" x 30")	100 (4)	125* (5)*	88 (3.5)	513 (20.2)	452 (17.8)	517 (20.3)	15 (0.6)	20 (0.8)	—
2400 x 1200 (96" x 48")	150 (6)	200* (8)*	150 (6)	821 (32.3)	723 (28.5)	855 (33.7)	25 (1)	35 (1.4)	—

* USE "KIDS" FONT FOR LEGEND.

COLOR:

LEGEND AND BORDER:
ORANGE (REFLECTORIZED)

BACKGROUND:
BLACK (NON-REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

I98-1

SAFETY BREAK FREE COFFEE SIGN

The Safety Break Free Coffee Sign (I98-1) may be used in advance of a safety rest area when free coffee is being served to encourage motorists to stop and relax. The words NEXT RIGHT, 1500 FEET, or other appropriate distance should be placed in the last line as applicable.



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	H	BOR- DER	BLANK STD.
2400 x 1800 (96" x 72")	275 (11)	250C (10C)	250 (10)	1071 (42.2)	965 (38.1)	VAR.	30 (1.2)	—

COLOR:

LEGEND AND BORDER:
WHITE (REFLECTORIZED)

BACKGROUND:
BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



School Signs

(S-Series)

Pub 236M

(1-06)

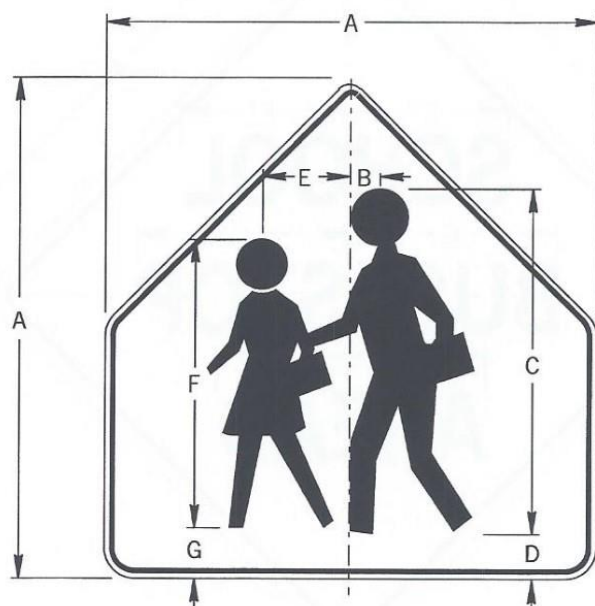
S1-1

SCHOOL SIGN

The School Sign (S1-1) shall be authorized for use on a street or highway adjacent to school buildings or grounds and from which children have direct access to the school.

The S1-1 sign may be placed at a marked school crosswalk or it may be placed as an advance warning sign. If placed at the marked crosswalk, the Diagonal Downward Pointing Arrow Sign (W16-7P) shall be placed below the S1-1 sign. If placed as an advance warning sign, it shall be placed not less than 4 m (13') and not more than 210 m (700') in advance of the school grounds or a school crossing, and it shall be supplemented with the () Feet (W16-2) supplemental plaque.

The 750 mm by 750 mm (30" x 30") size is for use in urban areas and the 900 mm by 900 mm (36" x 36") size is for use in rural areas.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	50 (2)	500 (20)	75 (3)	112 (4.5)	412 (16.5)	94 (3.8)	10 (0.4)	20 (0.8)	B8-750 (B8-30)
900 x 900 (36" x 36")	62 (2.5)	600 (24)	88 (3.5)	134 (5.4)	500 (20)	112 (4.5)	15 (0.6)	20 (0.8)	B8-900 (B8-36)

COLOR:

SYMBOL AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

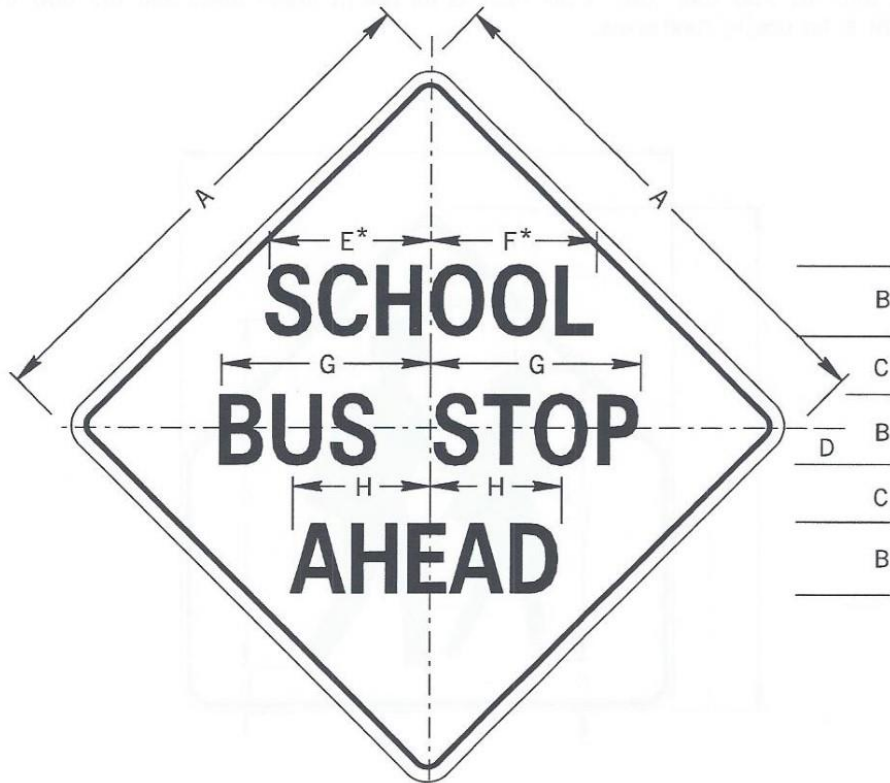
S3-1

SCHOOL BUS STOP AHEAD SIGN

(a) Justification. The School Bus Stop Ahead Sign (S3-1) shall be authorized for use in advance of locations where a school bus, when stopped to pick up or discharge passengers, is not visible by a motorist for a distance of 150 m (500') in advance.

(b) Placement. The S3-1 sign should normally be placed 150 m (500') in advance of the school bus stop.

(c) Size. The standard size is 750 mm by 750 mm (30" x 30").



DIMENSIONS - mm (IN)										
SIGN SIZE A x A	B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125C (5)	50 (2)	63 (2.5)	250 (9.8)	272 (10.8)	367 (14.5)	223 (8.8)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
900 x 900 (36" x 36")	150C (6)	75 (3)	75 (3)	292 (11.5)	332 (13.1)	439 (17.3)	267 (10.6)	10 (0.4)	20 (0.8)	B3-900 (B3-36)

* REDUCE SPACING 13 1/2%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

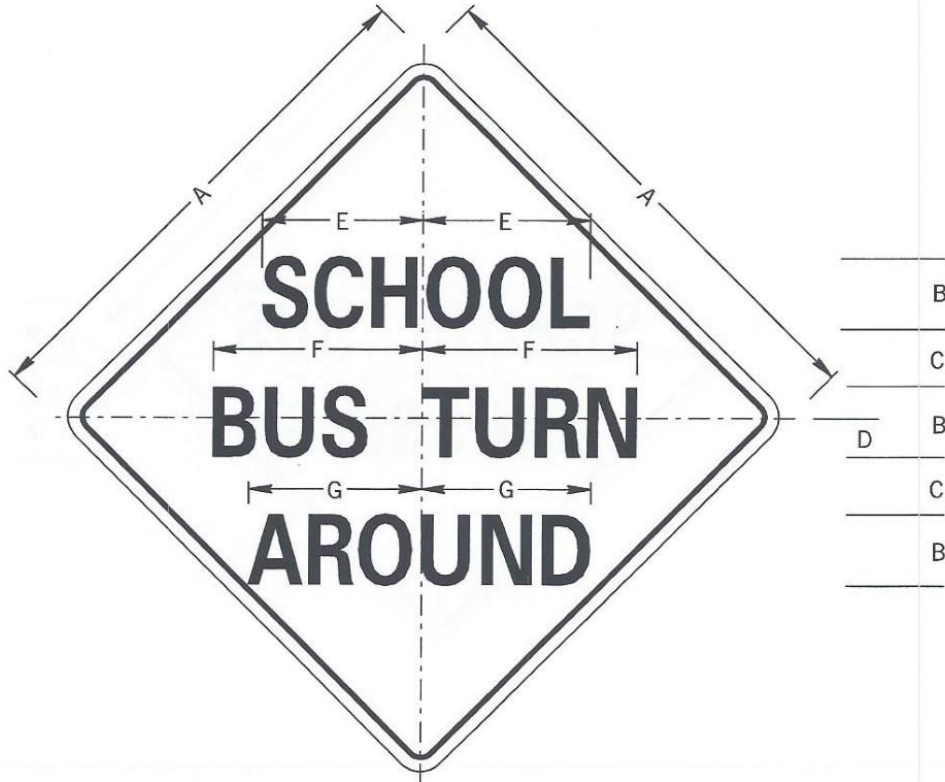
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S3-1-1

SCHOOL BUS TURN AROUND SIGN

(a) Justification. The School Bus Turn Around Sign (S3-1-1) shall be authorized for use in advance of locations where a school bus turns around by backing onto one of the roads at an intersection.

(b) Placement. The S3-1-1 sign may be installed on any approach to the intersection.



DIMENSIONS - mm (IN)									
SIGN SIZE A x A	B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	125B (5B)	50 (2)	63 (2.5)	214 (8.4)	305 (11.9)	224 (8.8)	10 (0.4)	15 (0.6)	B3-750 (B3-30)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S3-3

SCHOOL BUS CROSSING SIGN

(a) Justification. The School Bus Crossing Sign (S3-3) may be used in advance of a school bus crossing where traffic conditions such as approach speeds, visibility and conflicts are such that special warning is desired.

(b) Size. The 1200 mm by 1200 mm (48" x 48") S3-3 sign should be reserved for use on expressways.



DIMENSIONS - mm (IN)								
SIGN SIZE A x A	B	C	D	E	F	MAR- GIN	BOR- DER	BLANK STD.
750 x 750 (30" x 30")	100C (4C)	75 (3)	12 (0.5)	370 (14.6)	270 (10.7)	10 (0.4)	15 (0.6)	B3-750 (B3-30)
900 x 900 (36" x 36")	125C (5C)	90 (3.6)	15 (0.6)	463 (18.3)	338 (13.3)	15 (0.6)	20 (0.8)	B3-900 (B3-36)
1200 x 1200 (48" x 48")	175D (7D)	110 (4.4)	15 (0.6)	627* (24.9*)	498* (19.7*)	15 (0.6)	20 (0.8)	B3-1200 (B3-48)

* REDUCE SPACING 50%

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

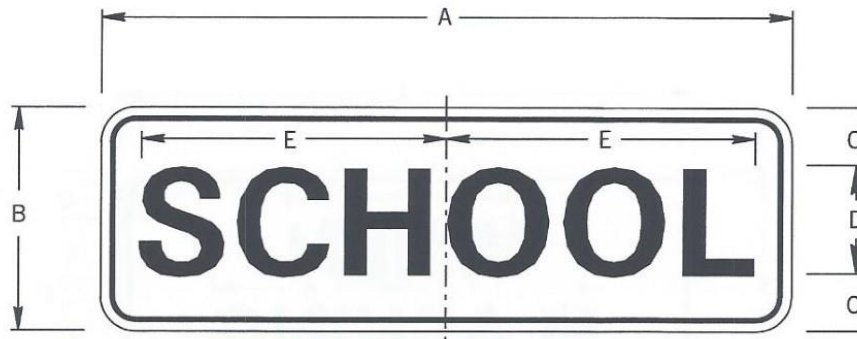
By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S4-3

SCHOOL PANEL

The School Panel (S4-3) shall be used in conjunction with the Speed Limit Sign (R2-1) in accordance with Department regulations. The S4-3 panel shall be mounted directly above the R2-1 sign.

The S4-3 panel may also be used in conjunction with the Reduced Speed () Ahead Sign (R2-5) prior to a school zone speed limit when sight distance to the school zone is limited. When this configuration is used, the S4-3 panel shall be mounted above the R2-5 sign, along with a Restricted Hours Panel (R10-20A) mounted beneath the R2-5 sign.



DIMENSIONS - mm (IN)						
SIGN SIZE A x B	C	D	E	MAR- GIN	BOR- DER	BLANK STD.
600 x 200 (24" x 8")	50 (2)	100D (4D)	257 (10.1)	10 (0.4)	15 (0.6)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW OR FLUORESCENT
YELLOW GREEN (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Allen C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S4-4

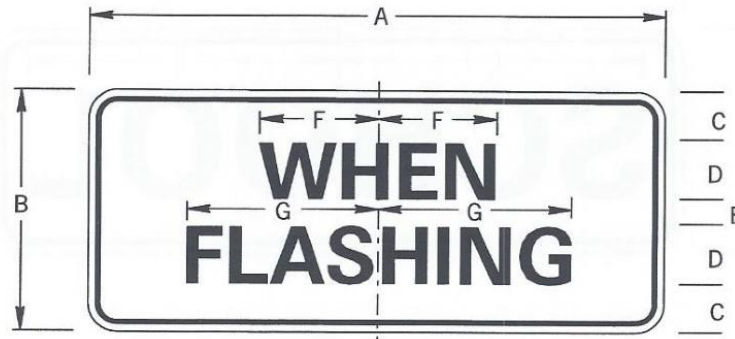
WHEN FLASHING SIGN

(a) Justification. The When Flashing Sign (S4-4) 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 Panel (S4-3), 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 S4-4 sign shall be mounted directly below the Speed Limit Sign (R2-1).

(b) Permit. Local authorities shall secure a permit for use of this sign in conjunction with the Speed Limit Sign Beacon in accordance with Department regulations (relating to authorization of use).

(c) Placement. The S4-4 sign shall be placed not less than 45 m (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).



DIMENSIONS - mm (IN)								
SIGN SIZE A x B	C	D	E	F	G	MAR- GIN	BOR- DER	BLANK STD.
600 x 250 (24" x 10")	50 (2)	60D (2.4D)	30 (1.2)	105 (4.1)	191 (7.5)	10 (0.4)	15 (0.6)	—

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

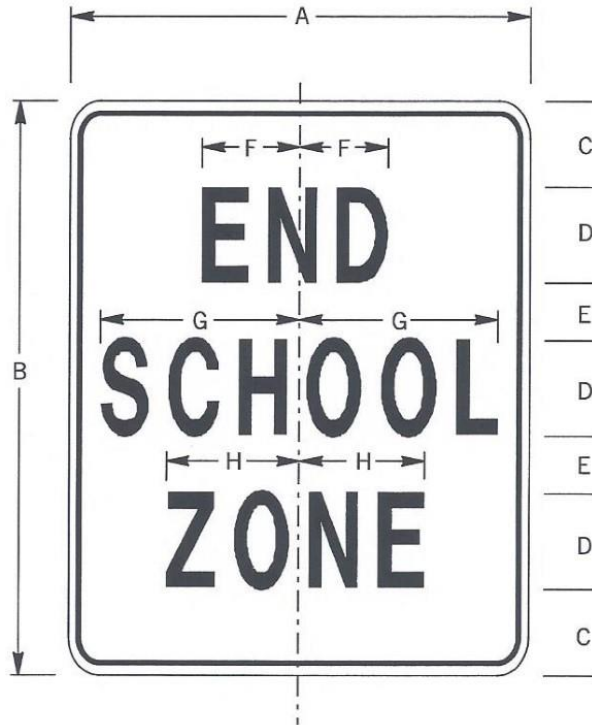
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S5-2

END SCHOOL ZONE SIGN

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 Panel (S4-3) or the Variable School Speed Limit Sign in accordance with Department regulations.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	150 (6)	100C (4C)	75 (5)	101 (4)	214 (8.5)	140 (5.6)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	250 (10)	150C (6C)	125 (5)	151 (5.9)	321 (12.7)	208 (8.3)	15 (0.6)	25 (1)	B5-1200900 (B5-4836)

COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

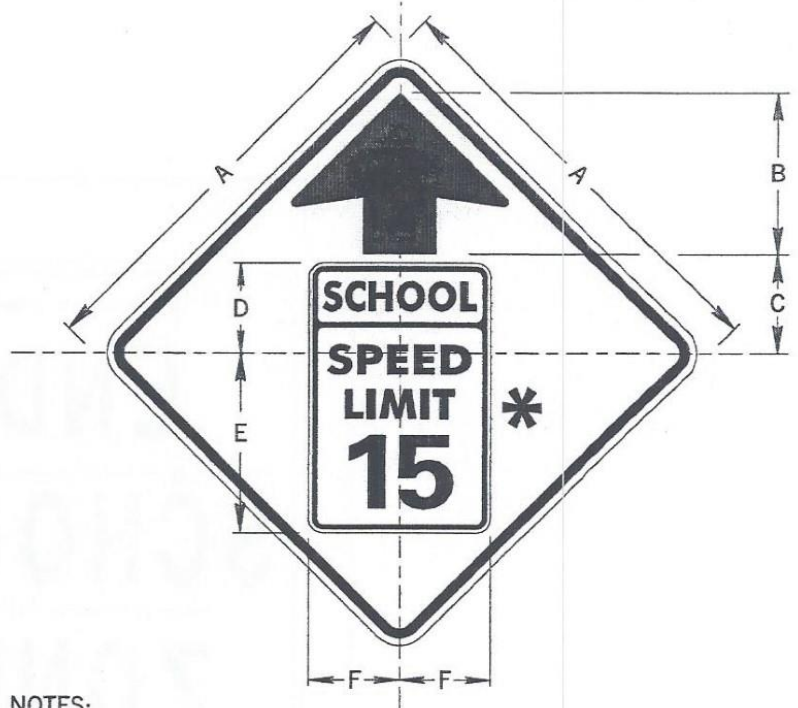
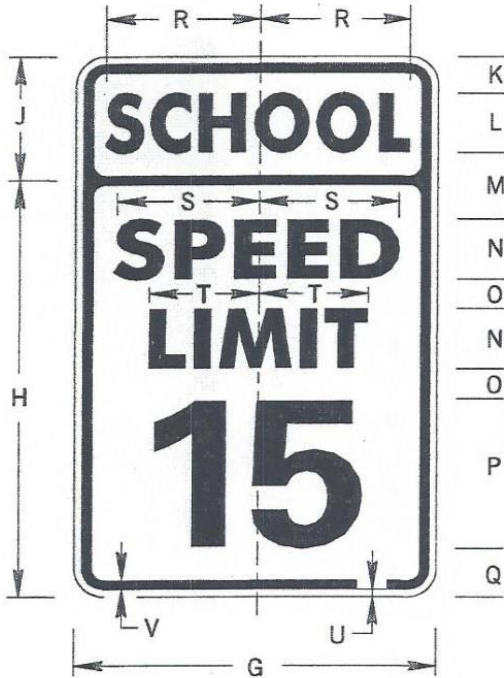
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S4-5

REDUCED SPEED (SCHOOL) ZONE AHEAD

The Reduced Speed (School) Zone Ahead Sign (S4-5) may be used to inform road users of a reduced school zone speed limit when engineering judgement indicates that advance notice would be appropriate.



NOTES:

- SEE W3-1 FOR ARROW DIMENSIONS.
- OPTICALLY CENTER NUMERALS ABOUT CENTERLINE.
- * SEE EXPLODED VIEW FOR DETAILED DIMENSIONS.

DIMENSIONS - mm (IN)												
SIGN SIZE A x A	B	C	D	E	F	G	H	J	K	L	M	N
900 x 900 (36" x 36")	337 (13.5)	206 (8.25)	187 (7.5)	375 (15)	188 (7.5)	375 (15)	433 (17.3)	129 (5.2)	38 (1.4)	62D (2.5D)	69 (2.75)	62.5E (2.5E)
1200 x 1200 (48" x 48")	450 (18)	275 (11)	250 (10)	500 (20)	250 (10)	500 (20)	577 (23.1)	173 (6.9)	50 (2)	82D (3.3D)	93 (3.7)	82E (3.3E)
SIGN SIZE A x A	O	P	Q	R	S	T	U	V	MAR- GIN	BOR- DER	BLANK STD.	
900 x 900 (36" x 36")	31 (1.3)	156E (6.25E)	50 (2)	158 (6.3)	146 (5.8)	114 (4.6)	7.5 (0.3)	10 (0.4)	15 (0.6)	20 (0.8)	B3-900 (B3-36)	
1200 x 1200 (48" x 48")	41 (1.6)	207E (8.3E)	72 (2.9)	211 (8.4)	194 (7.8)	152 (6.1)	10 (0.4)	15 (0.6)	20 (0.8)	30 (1.2)	B3-1200 (B3-48)	

COLOR:

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

BACKGROUND:

MAIN SIGN:
YELLOW (REFLECTORIZED) OR
FLUORESCENT YELLOW GREEN

INSET SIGN:
WHITE\YELLOW (REFLECTORIZED) OR
FLUORESCENT YELLOW GREEN

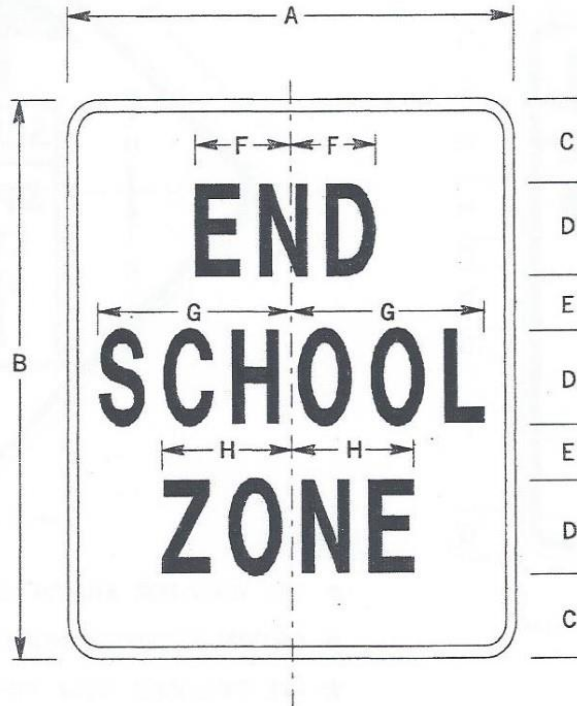
APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

S5-2

END SCHOOL ZONE SIGN

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 Panel (S4-3) or the Variable School Speed Limit Sign in accordance with Department regulations.



DIMENSIONS - mm (IN)									
SIGN SIZE A x B	C	D	E	F	G	H	MAR- GIN	BOR- DER	BLANK STD.
600 x 750 (24" x 30")	150 (6)	100C (4C)	75 (3)	101 (4)	214 (8.5)	140 (5.6)	10 (0.4)	15 (0.6)	B5-750600 (B5-3024)
900 x 1200 (36" x 48")	250 (10)	150C (6C)	125 (5)	151 (5.9)	321 (12.7)	208 (8.3)	15 (0.6)	25 (1)	B5-1200900 (B5-4836)

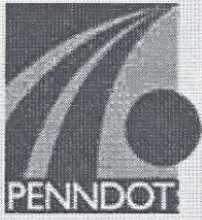
COLOR:

LEGEND AND BORDER:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C Rowe Date : 06-30-08
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



Object Markers

(OM-Series)

Pub 236M

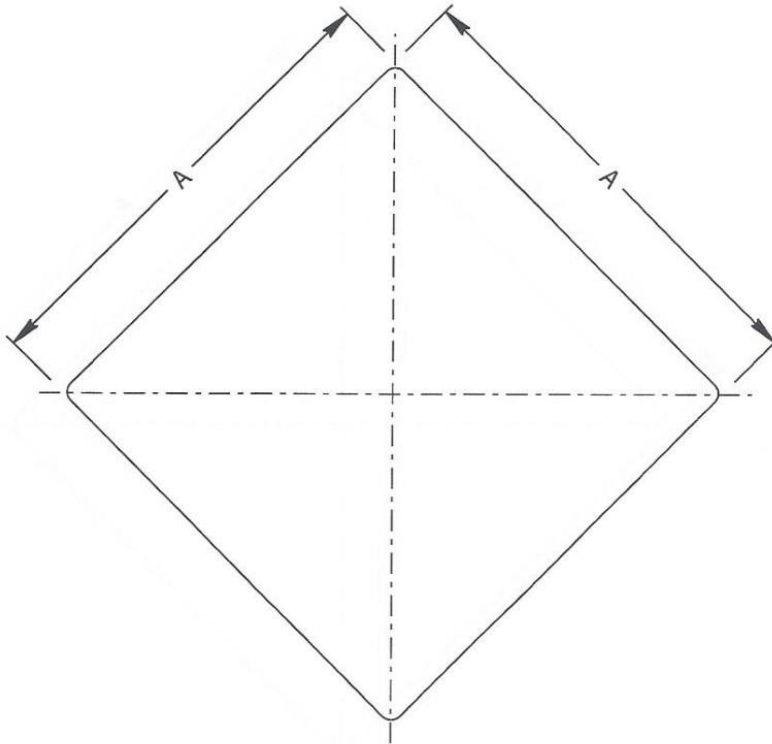
(1-06)

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 450 mm by 450 mm (18" x 18") yellow reflectorized blank.



DIMENSIONS - mm (IN)	
SIGN SIZE A x A	BLANK STD.
450 x 450 (18" x 18")	B3-450 (B3-18)

COLOR:

BACKGROUND:
YELLOW (REFLECTORIZED)

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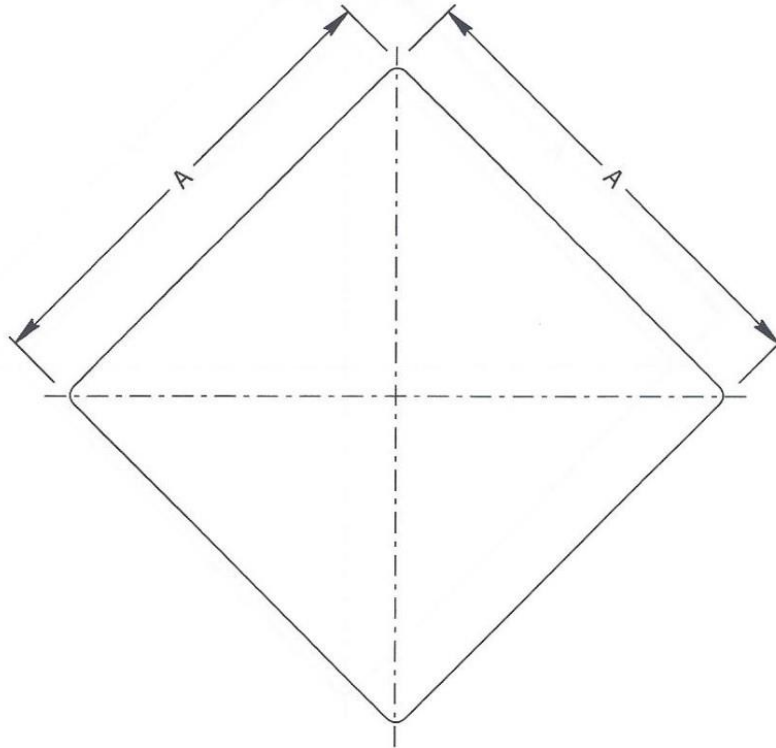
By : Allen C Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

OM4-3

END OF ROADWAY MARKER

The End Of Roadway Marker (OM4-3) shall be authorized for use to mark the end of a roadway at the point where there is no alternate vehicular path.

The OM4-3 marker is a 450 mm by 450 mm (18" x 18") red reflectorized blank.



DIMENSIONS - mm (IN)	
SIGN SIZE A x A	BLANK STD.
450 x 450 (18" x 18")	B3-450 (B3-18)

COLOR:

BACKGROUND:
RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
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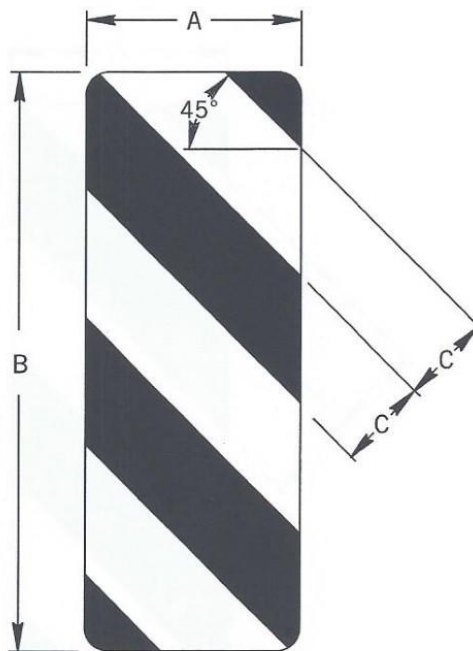
OM-3L

LEFT CLEARANCE MARKER

(a) Justification. The Left Clearance Marker (OM-3L) 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 OM-3L 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 0.9 m (3') to 1.5 m (5') above the near edge of the pavement.

(c) Material. The OM-3L markers shall be fabricated from Type III or Type IV retroreflective sheeting material, approved by the Department and listed in Publication No. 35.



DIMENSIONS - mm (IN)		
SIGN SIZE A x B	C	BLANK STD.
300 x 900 (12" x 36")	100 TO 165 (4 TO 6.5)	B5-300900 (B5-1236)
450 x 900 (18" x 36")	100 TO 165 (4 TO 6.5)	B5-900450 (B5-3618)

COLOR:

STRIPES:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

By : Alan C. Rowe Date : 01-03-06
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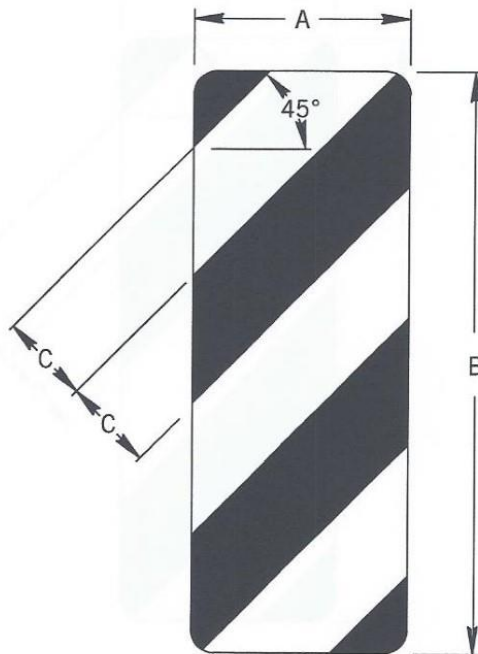
OM-3R

RIGHT CLEARANCE MARKER

(a) Justification. The Right Clearance Marker (OM-3R) 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 OM-3R 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 0.9 m (3') to 1.5 m (5') above the near edge of the pavement.

(c) Material. The OM-3R markers shall be fabricated from Type III or Type IV retroreflective sheeting material, approved by the Department and listed in Publication No. 35.



DIMENSIONS - mm (IN)		
SIGN SIZE A x B	C	BLANK STD.
300 x 900 (12" x 36")	100 TO 165 (4 TO 6.5)	B5-300900 (B5-1236)
450 x 900 (18" x 36")	100 TO 165 (4 TO 6.5)	B5-900450 (B5-3618)

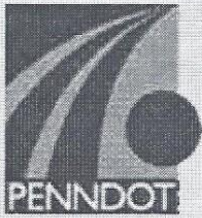
COLOR:

STRIPES:
BLACK (NON-REFLECTORIZED)

BACKGROUND:
YELLOW (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION

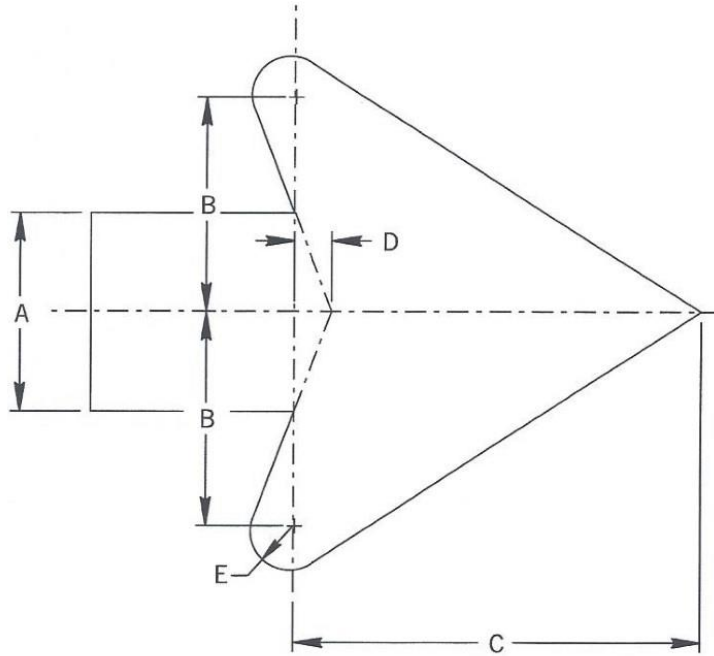
By : Alan C. Rowe Date : 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



Standard Arrow

Pub 236M
(1-06)

STANDARD ARROW



A = VARIABLE
 B = 1.150A
 C = 2.030A
 D = 0.155A
 E = 0.200A

DIMENSIONS - mm (IN)				
A	B	C	D	E
50 (2.0)	58 (2.30)	102 (4.06)	8 (0.31)	10 (0.40)
55 (2.2)	63 (2.53)	112 (4.47)	9 (0.34)	11 (0.44)
60 (2.4)	69 (2.76)	122 (4.87)	9 (0.37)	12 (0.48)
65 (2.6)	75 (3.00)	132 (5.28)	10 (0.40)	13 (0.52)
70 (2.8)	81 (3.22)	142 (5.68)	11 (0.43)	14 (0.56)
75 (3.0)	86 (3.45)	152 (6.09)	12 (0.46)	15 (0.60)
80 (3.2)	92 (3.68)	162 (6.50)	12 (0.50)	16 (0.64)
85 (3.4)	98 (3.91)	173 (6.90)	13 (0.53)	17 (0.68)
90 (3.6)	104 (4.14)	183 (7.31)	14 (0.56)	18 (0.72)
95 (3.8)	109 (4.37)	193 (7.71)	15 (0.59)	19 (0.76)
100 (4.0)	115 (4.60)	203 (8.12)	16 (0.62)	20 (0.80)
105 (4.2)	121 (4.83)	213 (8.53)	16 (0.65)	21 (0.84)
110 (4.4)	127 (5.06)	223 (8.93)	17 (0.68)	22 (0.88)
115 (4.6)	132 (5.29)	233 (9.34)	18 (0.71)	23 (0.92)
120 (4.8)	138 (5.52)	244 (9.74)	19 (0.74)	24 (0.96)
125 (5.0)	144 (5.75)	254 (10.15)	19 (0.78)	25 (1.00)

DIMENSIONS - mm (IN)				
A	B	C	D	E
130 (5.2)	150 (6.00)	264 (10.56)	20 (0.81)	26 (1.04)
135 (5.4)	155 (6.21)	274 (10.96)	21 (0.84)	27 (1.08)
140 (5.6)	161 (6.44)	284 (11.37)	22 (0.87)	28 (1.12)
145 (5.8)	167 (6.67)	294 (11.77)	22 (0.90)	29 (1.16)
150 (6.0)	173 (6.90)	305 (12.18)	23 (0.93)	30 (1.20)
155 (6.2)	178 (7.13)	315 (12.59)	24 (0.96)	31 (1.24)
160 (6.4)	184 (7.36)	325 (12.99)	25 (0.99)	32 (1.28)
165 (6.6)	190 (7.59)	335 (13.40)	26 (1.02)	33 (1.32)
170 (6.8)	196 (7.82)	345 (13.80)	26 (1.05)	34 (1.36)
175 (7.0)	201 (8.05)	355 (14.21)	27 (1.08)	35 (1.40)
180 (7.2)	207 (8.28)	365 (14.62)	28 (1.12)	36 (1.44)
185 (7.4)	213 (8.51)	376 (15.02)	29 (1.15)	37 (1.48)
190 (7.6)	219 (8.74)	386 (15.43)	29 (1.18)	38 (1.52)
195 (7.8)	224 (8.97)	396 (15.83)	30 (1.21)	39 (1.56)
200 (8.0)	230 (9.20)	406 (16.24)	31 (1.24)	40 (1.60)

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