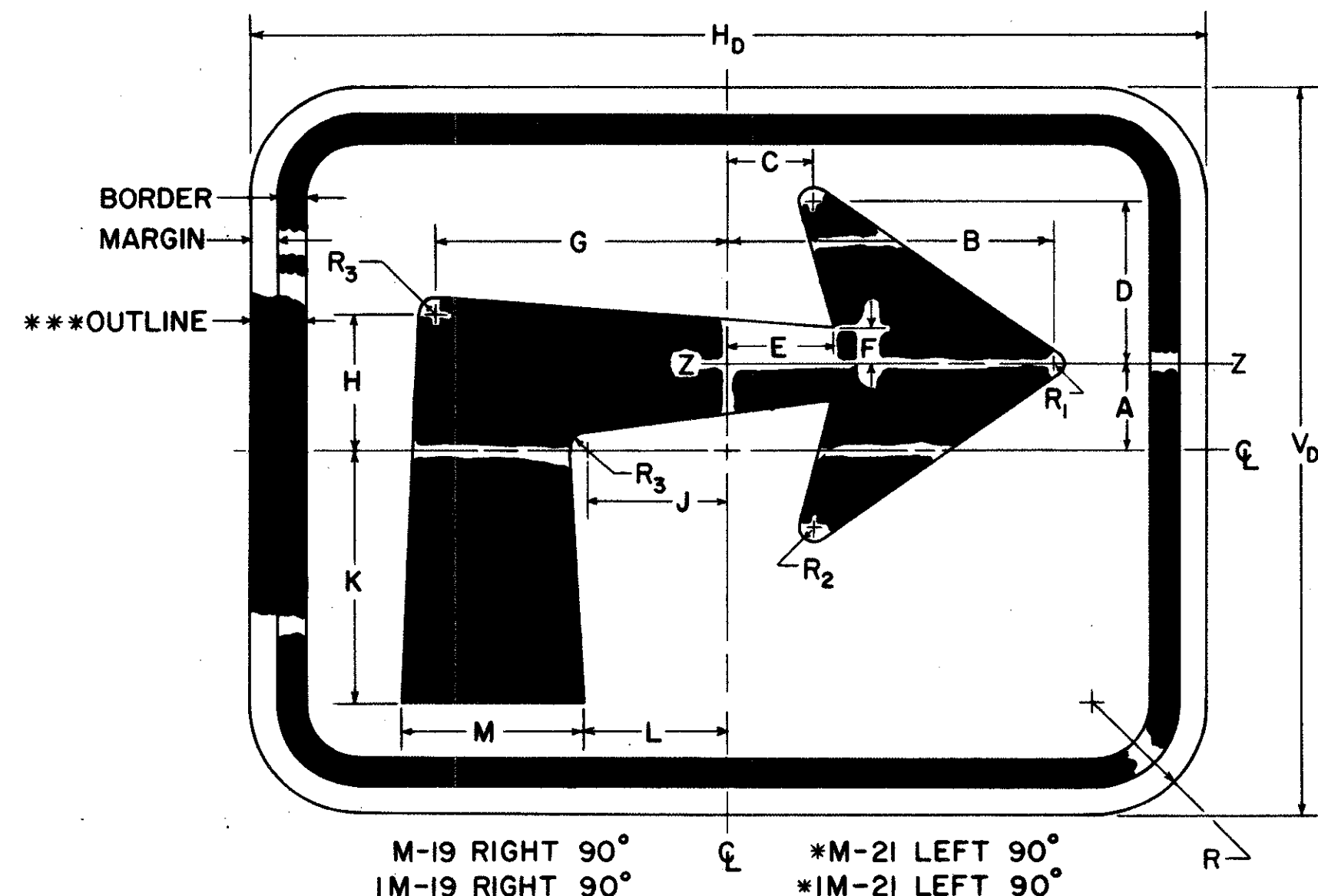


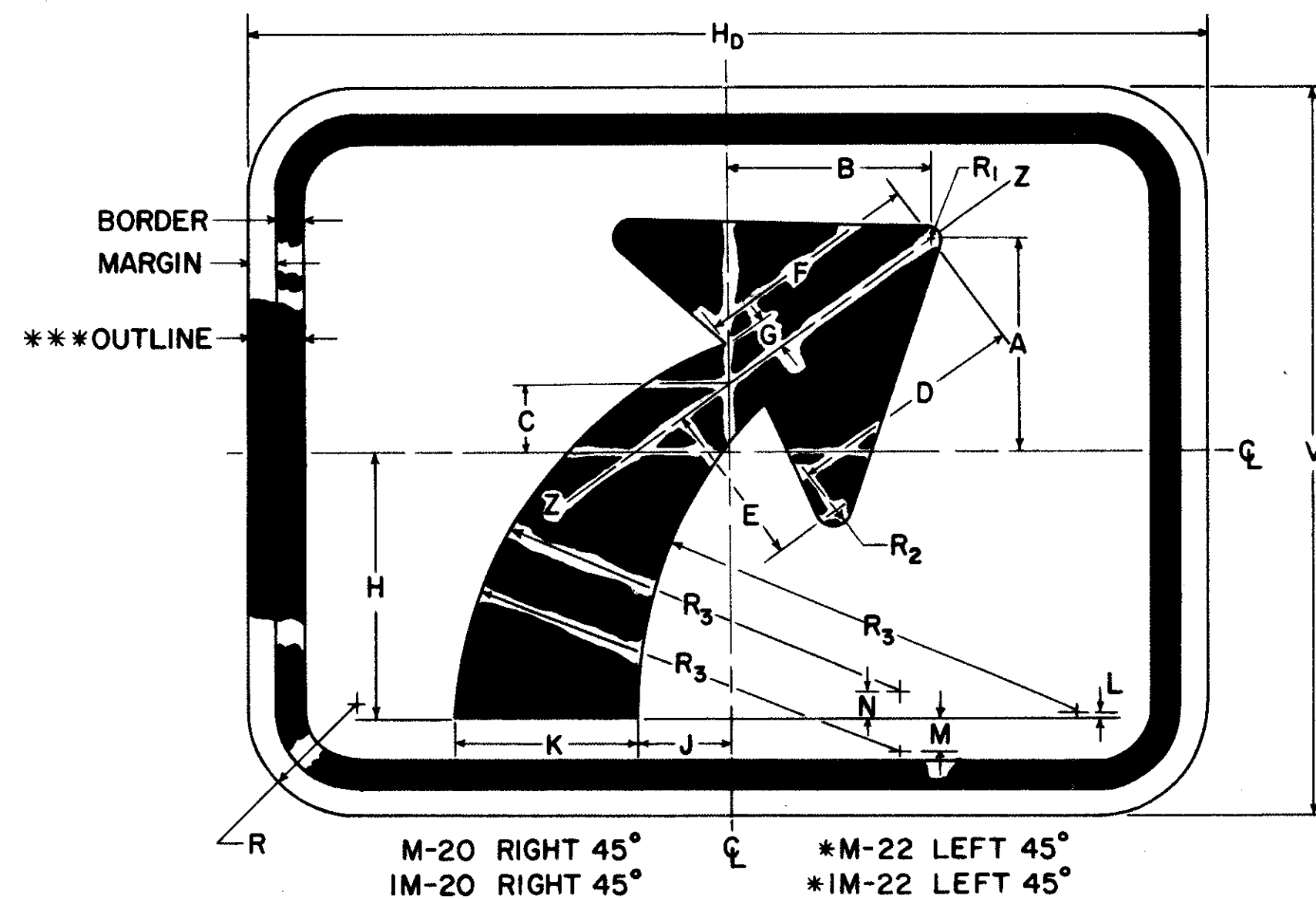
ADVANCE TURN MARKER



M-19 RIGHT 90°  
IM-19 RIGHT 90°      \*M-21 LEFT 90°  
\*IM-21 LEFT 90°

CODE NUMBER	ARROW DIMENSIONS														
	A	B	C	D	E	F	G	H	J	K	L	M	R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>
M-19-20	1 3/4	6 23/32	3/4	3 15/32	2 3/32	3/4	5 7/8	2 13/16	2 27/32	5 1/8	2 29/32	3 3/4	1/4	2 1/64	3/8
IM-19-20	1 3/4	6 23/32	3/4	3 15/32	2 3/32	3/4	5 7/8	2 13/16	2 27/32	5 1/8	2 29/32	3 3/4	1/4	2 1/64	3/8
M-21-20	1 3/4	6 23/32	3/4	3 15/32	2 3/32	3/4	5 7/8	2 13/16	2 27/32	5 1/8	2 29/32	3 3/4	1/4	2 1/64	3/8
IM-21-20	1 3/4	6 23/32	3/4	3 15/32	2 3/32	3/4	5 7/8	2 13/16	2 27/32	5 1/8	2 29/32	3 3/4	1/4	2 1/64	3/8
M-19-30	2 27/32	10 49/64	2 3/4	5 17/32	3 3/8	1 1/4	9 13/32	4 31/64	4 9/16	8 1/4	4 5/8	6	3/8	17/32	19/32
IM-19-30	2 27/32	10 49/64	2 3/4	5 17/32	3 3/8	1 1/4	9 13/32	4 31/64	4 9/16	8 1/4	4 5/8	6	3/8	17/32	19/32
M-21-30	2 27/32	10 49/64	2 3/4	5 17/32	3 3/8	1 1/4	9 13/32	4 31/64	4 9/16	8 1/4	4 5/8	6	3/8	17/32	19/32
IM-21-30	2 27/32	10 49/64	2 3/4	5 17/32	3 3/8	1 1/4	9 13/32	4 31/64	4 9/16	8 1/4	4 5/8	6	3/8	17/32	19/32

ADVANCE TURN MARKER



M-20 RIGHT 45°  
IM-20 RIGHT 45°      \*M-22 LEFT 45°  
\*IM-22 LEFT 45°

CODE NUMBER	ARROW DIMENSIONS															
	A	B	C	D	E	F	G	H	J	K	L	M	N	R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>
M-20-20	4 13/16	4 5/32	25/32	5	3 7/16	4 5/8	3/4	5 7/16	1 7/8	3 3/4	1/2	3/16	—	1/4	11/32	9
IM-20-20	4 13/16	4 5/32	25/32	5	3 7/16	4 5/8	3/4	5 7/16	1 7/8	3 3/4	1/2	3/16	—	1/4	11/32	9
M-22-20	4 13/16	4 5/32	25/32	5	3 7/16	4 5/8	3/4	5 7/16	1 7/8	3 3/4	1/2	3/16	—	1/4	11/32	9
IM-22-20	4 13/16	4 5/32	25/32	5	3 7/16	4 5/8	3/4	5 7/16	1 7/8	3 3/4	1/2	3/16	—	1/4	11/32	9
M-20-30	8 3/16	6 21/32	3 7/16	8	5 9/16	7 3/8	1 7/32	8 3/4	3 1/32	6	1 5/16	—	3/8	3/8	17/32	14 3/8
IM-20-30	8 3/16	6 21/32	3 7/16	8	5 9/16	7 3/8	1 7/32	8 3/4	3 1/32	6	1 5/16	—	3/8	3/8	17/32	14 3/8
M-22-30	8 3/16	6 21/32	3 7/16	8	5 9/16	7 3/8	1 7/32	8 3/4	3 1/32	6	1 5/16	—	3/8	3/8	17/32	14 3/8
IM-22-30	8 3/16	6 21/32	3 7/16	8	5 9/16	7 3/8	1 7/32	8 3/4	3 1/32	6	1 5/16	—	3/8	3/8	17/32	14 3/8

NOTES:

THE ARROW PLATES ARE MOUNTED BELOW THE APPROPRIATE ROUTE MARKER FORMING A MARKING ASSEMBLY.

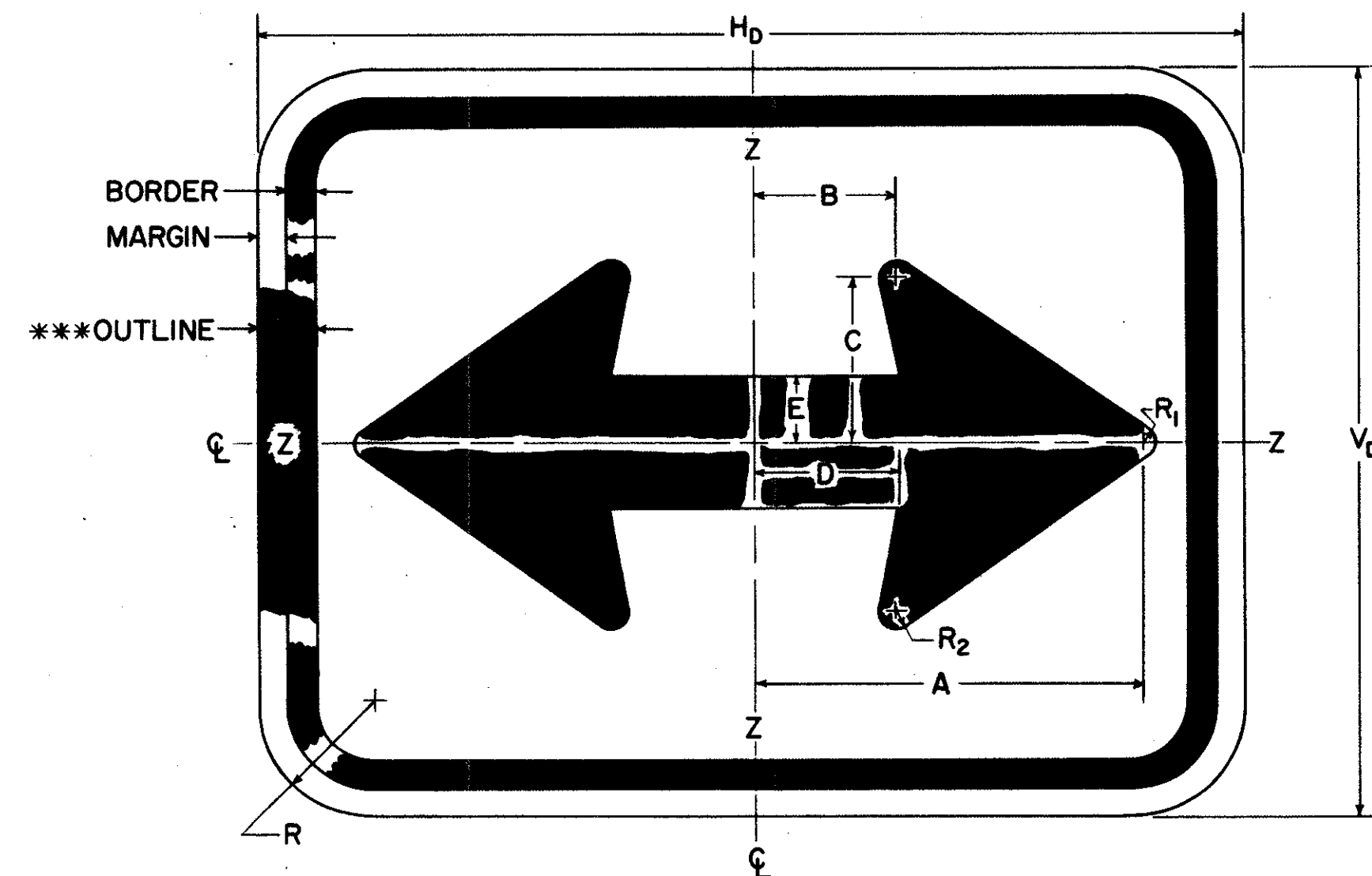
\*ROTATE GIVEN DESIGN 180° ABOVE VERTICAL PLATE CENTER LINE.

ARROWS ARE SYMMETRICAL ABOUT ARROW AXIS (Z-Z).

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

\*\*\*ARROW PLATES MOUNTED BELOW INTERSTATE ROUTE MARKERS WILL HAVE A WHITE LEGEND AND OUTLINE ON A BLUE BACKGROUND AND CODE NUMBER PRECEDED BY THE LETTER "I".

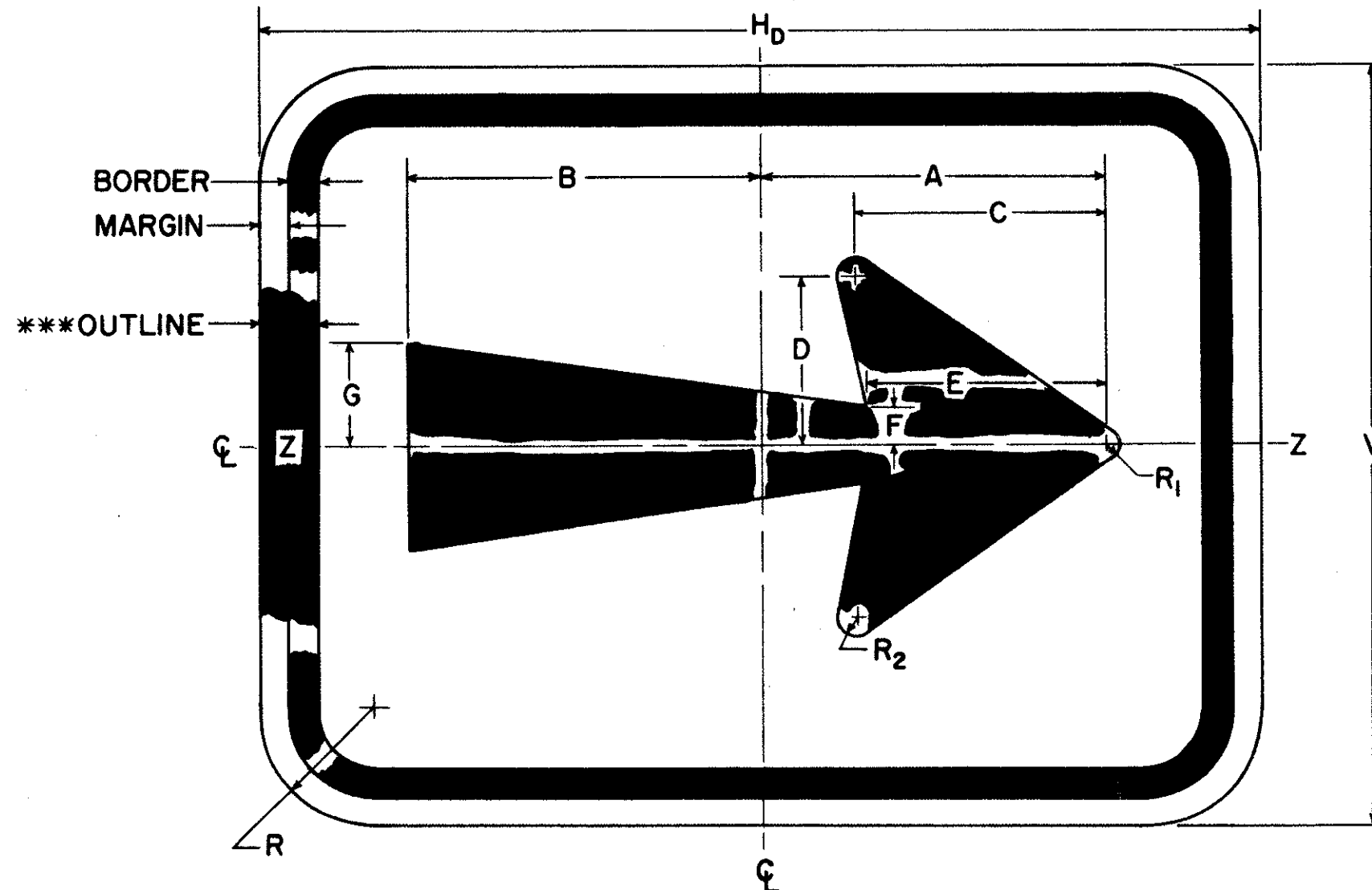
DOUBLE HORIZONTAL DIRECTIONAL ARROW



M-25  
IM-25

CODE NUMBER	ARROW DIMENSIONS						
	A	B	C	D	E	R <sub>1</sub>	R <sub>2</sub>
M-25-20	7 7/8	2 7/8	3 7/16	3 1/4	1 1/8	1/4	11/32
IM-25-20	7 7/8	2 7/8	3 7/16	3 1/4	1 1/8	1/4	11/32
M-25-30	11 11/16	3 5/8	5 17/32	4 1/4	1 13/16	3/8	19/32
IM-25-30	11 11/16	3 5/8	5 17/32	4 1/4	1 13/16	3/8	19/32

SINGLE HORIZONTAL DIRECTIONAL ARROW



M-24 RIGHT OR LEFT  
IM-24 RIGHT OR LEFT

CODE NUMBER	ARROW DIMENSIONS									
	A	B	C	D	E	F	G	R <sub>1</sub>	R <sub>2</sub>	
M-24-20	6 13/16	6 7/8	4 31/32	3 15/32	4 9/16	3/4	2 1/16	1/4	2 1/64	
IM-24-20	6 13/16	6 7/8	4 31/32	3 15/32	4 9/16	3/4	2 1/16	1/4	2 1/64	
M-24-30	11 1/16	11	8 1/16	5 17/32	7 7/16	1 7/32	3 19/64	3/8	17/32	
IM-24-30	11 1/16	11	8 1/16	5 17/32	7 7/16	1 7/32	3 19/64	3/8	17/32	

CODE NUMBER	ROUTE MARKER SIZE	ARROW PLATE DIMENSIONS					
		MARGIN	BORDER	OUTLINE	H <sub>b</sub>	V <sub>b</sub>	R
M-(*)-20	24	3/8	3/8	—	20	15	1 1/2
IM-(*)-20	24	—	—	3/4	20	15	1 1/2
M-(*)-30	36	1/2	1/2	—	30	24	1 1/2
IM-(*)-30	36	—	—	1	30	24	1 1/2

\*\*VARIES WITH TYPE ARROW ON PLATE

BUREAU OF TRAFFIC  
OHIO DEPARTMENT OF HIGHWAYS

TRAFFIC  
SIGNS

MA

DATE  
2-14-64

APPROVED *Fred C. Taylor*  
ENGINEER OF TRAFFIC