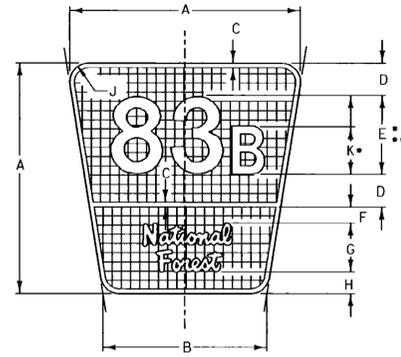


SIGN	DIMENSIONS (mm)									
	A	B	C	D	E	F	G	H	J	
MIN.	450	320	10	65	150D	30	100	40	50	
STD.	600	425	10	85	200D	40	125	60	60	
SPECIAL	900	635	10	130	300D	65	190	85	95	

• OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

**1 OR 2 DIGIT ROUTE MARKERS**

**M1-7**

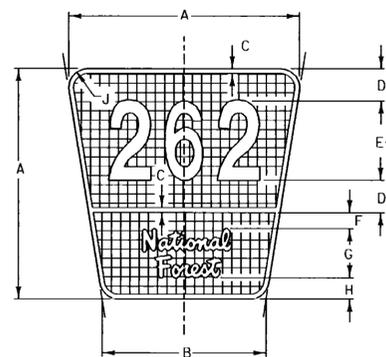


SIGN	DIMENSIONS (mm)										
	A	B	C	D	E	F	G	H	J	K	
MIN.	450	320	10	65	150D	30	100	40	50	100B	
STD.	600	425	10	85	200D	40	125	60	60	125B	
SPECIAL	900	635	10	130	300D	65	190	85	95	150B	

\*\* Reduce spacing by 40%

**1 OR 2 DIGIT ROUTE MARKERS**

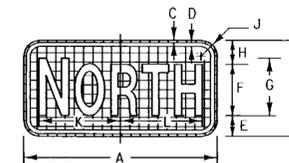
**M1-7**



SIGN	DIMENSIONS (mm)									
	A	B	C	D	E	F	G	H	J	
MIN.	450	320	10	65	150B	30	100	40	50	
STD.	600	425	10	85	200B	40	125	60	60	
SPECIAL	900	635	10	120	300B	65	190	85	95	

**3 DIGIT ROUTE MARKERS**

**M1-7**



SIGN	DIMENSIONS (mm)										NORTH	SOUTH	EAST	WEST			
	A	B	C	D	E	F	G	H	J	K	L	K	L	K	L		
MIN. & STD.	600	300	10	15	70	150C	175C	80	35	260	260	260	249	200	213	222	224
SPECIAL	750	375	10	15	80	200C	225C	95	35	322	322	322	318	264	283	295	295

**CARDINAL DIRECTION MARKER**

**MATERIALS**

THE SIGN BASE MATERIAL MAY BE ANY OF THE FOLLOWING MINIMUM THICKNESSES AS NOTED:

FLAT SHEET ALUMINUM

LESS THAN 600 X 600	1.52 mm
WHERE USED ON GUIDE SIGNS	1.52 mm
600 X 600	2.03 mm
900 X 900	2.54 mm

GALVANIZED FLAT SHEET STEEL

LESS THAN 600 X 600	1.32 mm
WHERE USED ON GUIDE SIGNS	1.32 mm
600 X 600	1.63 mm
900 X 900	2.01 mm

THE REFLECTORIZED MATERIAL SHALL BE BROWN REFLECTIVE SHEETING APPLIED TO THE ENTIRE BACKGROUND. THE TEXT MAY BE LETTERING FILM, SILK SCREEN OR HAND PAINTED.

**COLORS**

NATIONAL FOREST ROUTE MARKERS SHALL HAVE REFLECTIVE WHITE TEXT AND BORDERS ON REFLECTORIZED BROWN BACKGROUNDS. BROWN AREAS ARE INDICATED BY DOUBLE LINE CROSSHATCHING.

THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE FHWA.

**LETTERING**

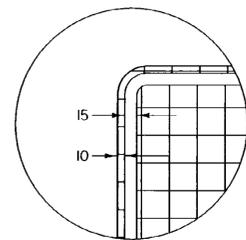
LETTERS AND DIGITS SHALL CONFORM WITH THE "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" ADOPTED BY THE FHWA.

**SPECIFICATIONS**

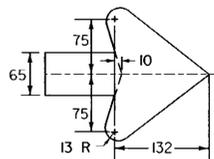
NATIONAL FOREST ROUTE MARKERS AND AUXILIARY ROUTE MARKERS SHALL MEET THE STANDARD STATE SPECIFICATIONS FOR TRAFFIC SIGNS AS PRESCRIBED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.

**DESIGNS**

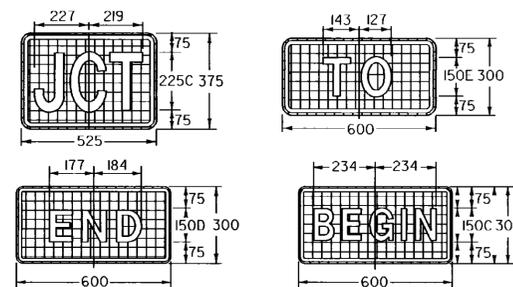
THE DESIGNS OF NATIONAL FOREST ROUTE MARKERS AND AUXILIARY ROUTE MARKERS SHALL CONFORM WITH THE REQUIREMENTS SET FORTH IN THE MUTCD AND ADOPTED BY THE FHWA.



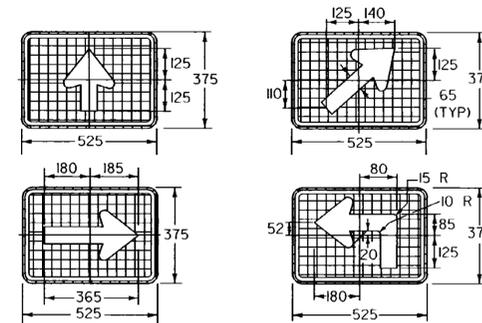
**TYPICAL DETAIL FOR AUXILIARY SIGNS, CARDINAL DIRECTION MARKERS AND DIRECTION ARROWS**



**TYPICAL ARROW DETAIL**



**AUXILIARY SIGNS**



**DIRECTION ARROW OR ADVANCE TURN ARROWS**

**REVISIONS AND CORRECTIONS**

JUNE 13, 1997 - ORIGINAL APPROVAL DATE

**APPROVED**

*[Signature]*  
DIRECTOR OF ENGINEERING

*[Signature]*  
DIRECTOR OF CONSTRUCTION AND MAINTENANCE

**NATIONAL FOREST ROUTE MARKER SIGN DETAILS**

**OTHER STDS. REQUIRED:**

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.



**Metric STANDARD E-136DM**