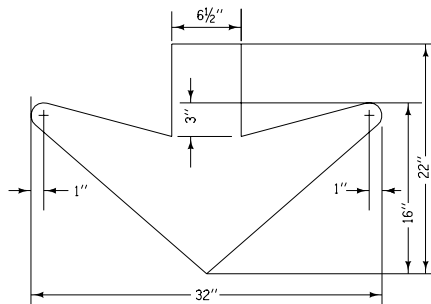
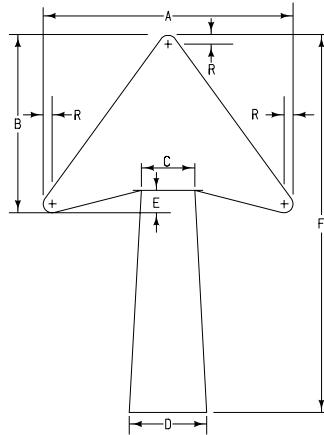


TYPE 1 ARROW

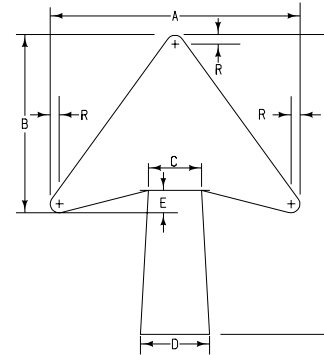


TYPE 2 ARROW



USED WITH	DIMENSIONS IN INCHES						
	A	B	C	D	E	F	R
8" Caps	15 1/8	11 3/8	3 3/4	5	1 5/8	24 1/4	5/8
13.3" UC-10" & 12" Caps	18 3/4	14	4 1/2	6	1 1/2	29 3/4	3/4
16" UC	22 1/4	17	5 3/8	7 1/8	1 3/4	35 3/8	1

TYPE 3 ARROW



USED WITH	DIMENSIONS IN INCHES						
	A	B	C	D	E	F	R
8" & 10" Caps	14 1/4	9 3/8	3 3/8	4 1/2	1 5/8	17 1/4	3/4
13.3" UC-12" Caps	17 1/2	11 3/4	4 7/8	5 5/8	1 1/2	20 3/4	7/8
16" UC	21 1/8	14 1/4	5	6 1/4	1 3/4	25	1

ARROW DESIGNATION:

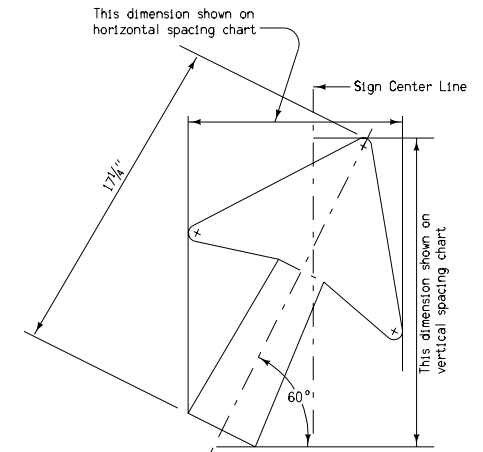
Each arrow is designated by a three number code. The explanation of this code is as follows:

The first number is the arrow type.

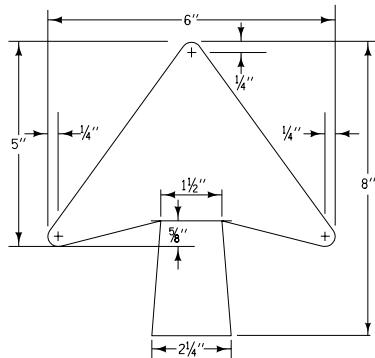
The second number is the length of the arrow in inches.

The third number is the angle in degrees between the center line of the arrow and the horizontal.

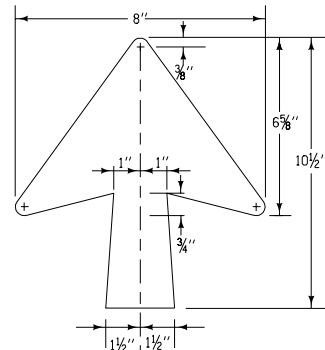
An example is given on this sheet.



TYPE 4 ARROW



TYPE 5 ARROW



TABLES

FOR
VERTICAL AND HORIZONTAL PLACEMENT OF ARROWS

The following information applies to all arrows except M1-50 (Exit), M1-101 (Rest Area), M1-160 (Weigh Sta.) and M1-200 (Scenic View). They should be attached as shown in plans.

TYPE 2 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°	24 1/4 (8" caps)	15.45	22.2
	29 1/4 (13.3" UC - 10" & 12" Caps)	18.8	26.75
	35 1/8 (16" U C)	22.65	32.75
45°	24 1/4 (8" caps)	19.3	18.9
	29 1/4 (13.3" UC - 10" & 12" Caps)	23.3	22.7
	35 1/8 (16" U C)	28.3	27.7
60°	24 1/4 (8" caps)	22.4	15.4
	29 1/4 (13.3" UC - 10" & 12" Caps)	27.0	18.5
	35 1/8 (16" U C)	32.9	22.6

TYPE 3 ARROW

30°	17 1/4 (8" & 10" caps)	12.5	16.1
	20 3/4 (13.3" UC - 12" Caps)	15.4	18.9
	25 (16" U C)	19.1	23.45
45°	17 1/4 (8" & 10" caps)	14.15	13.8
	20 3/4 (13.3" UC - 12" Caps)	16.75	16.3
	25 (16" U C)	20.6	20.15
60°	17 1/4 (8" & 10" caps)	16.2	12.55
	20 3/4 (13.3" UC - 12" Caps)	19.1	15.45
	25 (16" U C)	23.65	19.3

TYPE 4 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°	8 (6" Caps Series D)	5.25	7.5
45°	8 (6" Caps Series D)	6.6	6.425
30°	8 (6" Caps Series D)	7.55	5.3

TYPE 5 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°	10 1/2 (8" UC)	7.00	10.00
45°	10 1/2 (8" UC)	8.66	8.66
30°	10 1/2 (8" UC)	10.00	7.00



Iowa Department
of Transportation

STANDARD ROAD PLAN

REVISIONS: Remove rivet hole information.

Deanna Muflet
APPROVED BY DESIGN METHODS ENGINEER

ARROW DETAILS
FOR TYPE 'B' GUIDE SIGNS

REVISION
1 10-17-06

RD-45

SHEET 1 of 1