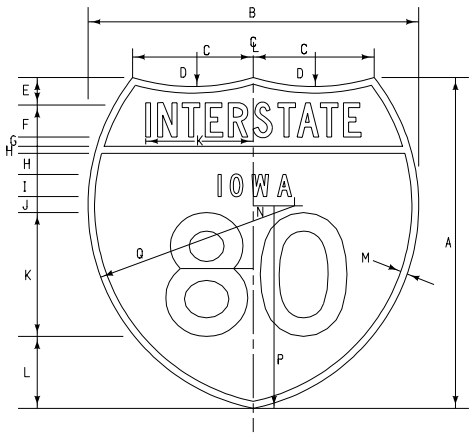
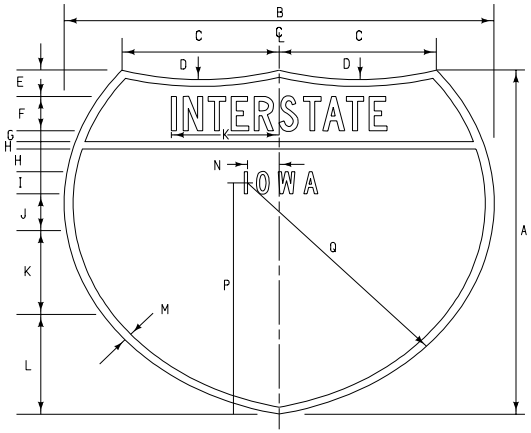


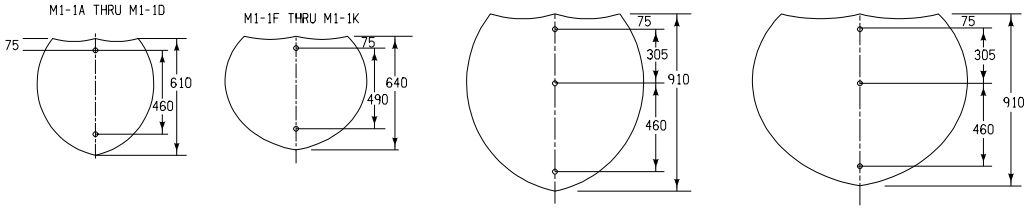


SIGN NO.	SHIELD SIZE	NUMERAL SIZE	No. Digits	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	AREA (m^2)
M1-1A M1-1D	610 mm	200 mm	2	610	610	220	380	60	64	25	19	38	35	200 D	145	19	73	370	380	0.37
M1-1F M1-1K	640 mm	200 mm	3	640	760	320	445	60	64	29	19	38	57	200 D	145	19	44	420	425	0.48
M1-1AA M1-1DA	910 mm	300 mm	2	910	910	330	570	90	95	38	29	57	52	300 D	220	29	109	555	565	0.84
M1-1FA M1-1KA	910 mm	300 mm	3	910	1070	465	665	90	95	38	29	57	52	300 D	220	29	108	630	640	0.98

All Dimensions in millimeters.

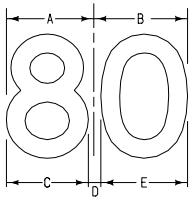
SIGN NO.	LETTER SIZE SERIES	I		N		T		E		R		S		T		A		T		E	K
M1-1A M1-1K	64 C	9	21	35	8	32	13	32	17	35	13	35	8	32	5	40	5	32	13	32	203
M1-1AA M1-1KA	95 C	13	31	52	12	48	19	48	25	52	19	52	12	48	7	59	7	48	19	48	305

All Dimensions in millimeters.



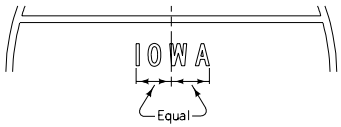
BOLT HOLE LOCATION

All bolt holes 11mm diameter
All dimensions in millimeters



	SIGN NO.	SIZE	ROUTE NO.	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM. G
2 DIGIT	M1-1A	610mm	29	152	159	137	38	136		
	M1-1B		35	159	162	137	48	137		
	M1-1C		74	156	156	137	25	149		
	M1-1D		80	159	159	137	38	143		
3 DIGIT	M1-1F	640mm	235	222	251	137	29	137	35	137
	M1-1G		280	226	254	137	32	137	32	143
	M1-1H		380	246	246	137	38	137	38	143
	M1-1J		480	252	252	137	38	137	38	143
	M1-1K		680	246	246	137	38	137	38	143
2 DIGIT	M1-1AA	910mm	29	229	238	205	57	205		
	M1-1BA		35	240	241	205	71	205		
	M1-1CA		74	233	233	205	38	224		
	M1-1DA		80	238	238	205	57	214		
3 DIGIT	M1-1FA	910mm	235	327	368	205	43	205	38	205
	M1-1GA		280	327	368	205	38	205	33	214
	M1-1HA		380	360	360	205	48	205	48	214
	M1-1JA		480	400	337	224	47	205	47	214
	M1-1KA		680	368	370	205	57	205	57	214

All Dimensions in millimeters.



SIGN NO.	SHIELD SIZE	I		O		W		A
M1-1A M1-1K	610mm 640mm	6	13	27	13	33	6	32
M1-1AA M1-1KA	910mm	9	25	40	25	50	13	47

EXPLANATION OF DIMENSIONS

A - Height of shield.
B - Width of shield.
C - Distance from center line to top outside edge of shield.
D - Radius for top outside of shield.
E - Distance from top of shield to top of 'interstate' legend.
F - Height of 'interstate' legend.
G - Distance from bottom of interstate legend to top of dividing horizontal strip.
H - Width of horizontal strip and distance from horizontal strip to top of 'Iowa' legend.
I - Height of 'Iowa' legend.
J - Distance from bottom of Iowa legend to top of route numerals.
K - Height of route numerals and distance from center line of shield to left edge of 'interstate' legend.
L - Distance from bottom of route numerals to outside bottom of shield.
M - Border width.
N - Horizontal distance from center line of shield to interior radius points for dimension 'Q'.
P - Vertical distance from outside bottom edge of shield to interior radius points for dimension 'Q'.
Q - Radius for outside edge of shield.

LEGEND SPECIFICATIONS

'Interstate' shall be in B.P.R. series 'C' letters.
'Iowa" shall be in B.P.R. series 'D' letters.
Route numbers shall be in B.P.R. series 'D' numerals.

COLOR SPECIFICATIONS

Letters, numerals and border shall be smooth, silver, reflective sheeting.
Background for route number and state name shall be smooth, blue, reflective sheeting.
Background for interstate legend shall be smooth, red, reflective sheeting.
Exact colors and details of fabrication shall be as stipulated in specifications.

All Dimensions given in millimeters unless noted.

M

METRIC VERSION

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN | **RD-40**

REVISION: NEW

REVISION NO. NEW

REVISION DATE 04-15-03

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

TYPE 'A' INTERSTATE ROUTE MARKERS
(INDEPENDENT USE)