

Minnesota

*Standard
Signs and Markings
Summary*

2020

Standard Signs and Markings Summary

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Standard Signs

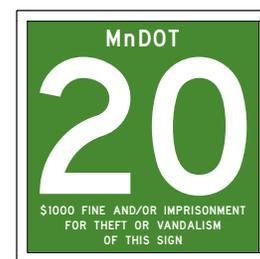
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Sign Use Key

B-P:	Bike Path
B/Rt:	Bike Route
M:	Minimum
CR-SL:	Conventional Road, Single Lane
CR-ML:	Conventional Road, Multiple Lanes
	Undivided multi-lane, Speed Limit ≤ 60 mph
	Divided multi-lane, Speed Limit ≤ 55 mph
E:	Expressway
	Divided multi-lane, Speed Limit > 60 mph
F:	Freeway
RA:	Ramp
O:	Oversize



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See <http://www.dot.state.mn.us/trafficeng/publ/signsmanual/index.html> for latest version.

Minnesota Standard Sign Codes and Designs

Minnesota is using FHWA sign designs and codes when possible. FHWA uses 2k font and starting with this edition, Minnesota is also using the 2k font. These designs should be used with Sign CAD version 9 which includes the 2k font.

The legend “MN Design” found under the Sign Code means that the sign design is found in MnDOT’s Standard Sign and Markings Manual. If this information is not included under the sign code, the sign designs are found in the [FHWA Standard Highway Signs book](#). The applicable FHWA books are the [2012 Supplement](#) to the 2004 Edition and the [2004 Edition](#).

Modification to FHWA codes:

All Minnesota designs that are a modification of a federal design will be designed with an “M” at the end of the code. The rest of the code will mirror the federal code.

S3-2M

If there is another modification of the same sign, an “a” will be added at the end of the code. If there are multiple codes, the last letter will be changed alphabetically.

D-2Ma

Minnesota Special Designs:

All Minnesota special designs start with the numbers associated with the sign design and after the dash an “X” will be placed and numbering will start numerically.

R5-X1

If there is another similar sign with a minor word change and it maintains the same basic meaning, an “a” will be placed after the code. If there are multiple codes, the last letter will be changed alphabetically

R12-X2a

If a plaque is associated with that sign code then a “P” will be added at the end

R12-X1P

Overlay:

The legend “Overlay” found under the Sign Code means that the sign design is only intended as a panel overlay on a larger sign. The sign cannot be installed by itself.

Plaque:

The letter “P” found at the end of a sign code refers to a sign mounted above or below a primary sign providing additional information concerning the primary sign. A plaque cannot be installed by itself, it must accompany a primary sign.

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R1-1			White on Red	B-P	18 x 18	32426
				M, CR-SL, B/Rt	30 x 30	24107
				CR-ML, E	36 x 36	24108
				O	48 x 48	24109
				<p>A minimum size of 36 x 36 inches shall be used for STOP signs that face multi-lane approaches.</p> <p>Where side roads intersect a multi-lane street or highway that has a speed limit of 45 mph or higher, the minimum size of the STOP signs facing the side road approaches, even if the side road only has one approach lane, shall be 36 x 36 inches.</p> <p>Where side roads intersect a multi-lane street or highway that has a speed limit of 40 MPH or lower, the minimum size of the STOP signs facing the side road approaches shall be as shown above based on the number of approach lanes on the side street approach.</p> <p>Multi-Lane - more than one lane moving in the same direction. A multi-lane street, highway, or roadway has a basic cross-section comprised of two or more through lanes in one or both directions. A multi-lane approach has two or more lanes moving toward the intersection, including turning lanes.</p>		
R1-2			White on Red	B-P	18 x 18 x 18	51530
				M, B/Rt	30 x 30 x 30	51531
				CR-SL	36 x 36 x 36	24110
				CR-ML, E	48 x 48 x 48	24111
				F	60 x 60 x 60	33540
R1-2aP			Black on White	M, CR-SL, ML	24 x 18	51532
				E	36 x 30	51533
				F	48 x 36	51534
R1-4P			White on Red	CR-SL, ML	18 x 6	51535
				O	30 x 12	51052
R1-5b (R or L) Left is shown			Black and Red on White	CR-ML, O	36 x 36	51053
R1-6a MN Design			Black, Red and White on Fluorescent Yellow Green	CR-SL, ML	12 x 36**	51055
				CR-SL, ML	12 x 44*	51097
				* In-Street version ** Post-Mounted version		
R1-6c MN Design			Black, Red and White on Fluorescent Yellow Green	CR-SL, ML	12 x 36**	51098
				CR-SL, ML	12 x 44*	51099
				* In-Street version ** Post-Mounted version		
		For use in school areas				

R Series

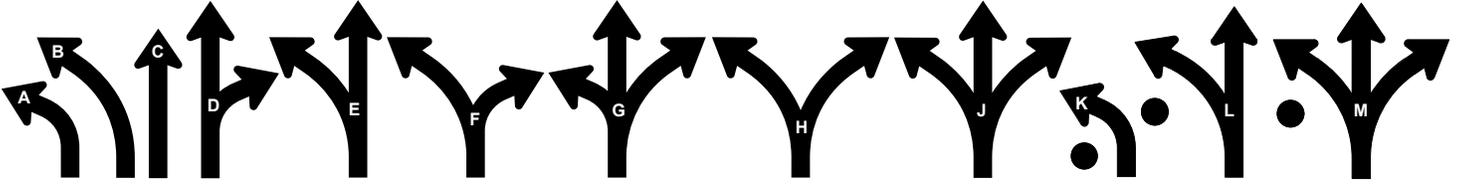
Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R1-9a	R1-9b		Black on Fluorescent Green and Black on White	CR-SL, ML	90 x 24	50983
R1-X1 MN Design			Black on White		24 x 30	31790
R1-X3P MN Design	R1-X3	 Typically used under STOP sign in temporary lane closures	Black on White	Use with 30" STOP sign	24 x 18	29847
				Use with 48" STOP sign	30 x 24	33272
R2-1			Black on White	M	18 x 24	33273
				CR-SL	24 x 30	30859
				CR-ML, O	30 x 36	50984
				E	36 x 48	31102
				F	48 x 60	31111
R2-4a	R2-4b		Black on White	CR-SL, ML	24 x 48	33269
				E, O	36 x 72	57575
				F	48 x 96	33270
R2-6bP		 Work zone use only	Black on White	CR-SL, ML	24 x 18	56986
				E, O	36 x 24	56987
				F	48 x 36	56988
R2-12			Black on White	CR-SL, ML	24 x 36	56989
				E, F	36 x 54	56978
R3-1			Black and Red on White	CR-SL	24 x 24	31119
				CR-ML, E	36 x 36	31120
				O	48 x 48	50988
R3-2			Black and Red on White	CR-SL	24 x 24	31123
				CR-ML, E	36 x 36	31124
				O	48 x 48	50989
R3-3			Black on White	CR-SL	24 x 24	31127
				CR-ML, E	36 x 36	33557
				O	48 x 48	50982

R Series

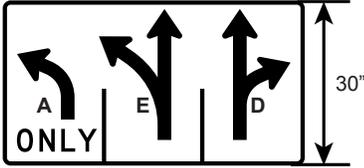
Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R3-4			Black and Red on White	CR-SL	24 x 24	31129	
				CR-ML, E	36 x 36	31137	
				O	48 x 48	51031	
R3-4M MN Design	R3-4a		Black and Red on White	CR-SL	24 x 24	55933	
				CR-ML, E	36 x 36	55934	
				O	48 x 48	55935	
R3-5 (R or L) Right is shown			Black on White	CR-SL, ML	30 x 36	31002 (L)	31003 (R)
				O	48 x 60	31004 (L)	31005 (R)
R3-5a			Black on White	CR-SL, ML	30 x 36	57586	
				O	48 x 60	57587	
R3-6 (R or L) Right is shown			Black on White	CR-SL, ML	30 x 36	30973 (L)	30974 (R)
				O	48 x 60	33561 (L)	33601 (R)
R3-7 (R or L)		LEFT  RIGHT	Black on White	CR-SL	30 x 30	31145 (L)	31144 (R)
				CR-ML	36 x 36	53988 (L)	53989 (R)
R3-7M (R or L) MN Design	R3-7 (AR, AL)	ALL TRAFFIC  LEFT	Black on White	CR-SL	30 x 30	55936 (L)	31143 (R)
				CR-ML	36 x 36	55937 (L)	53999 (R)

R Series

R3-8 LANE-USE CONTROL SIGNS



EXAMPLE



R3-8AED
54 x 30

NOTES:

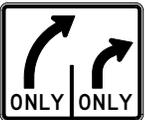
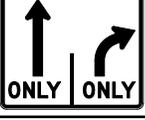
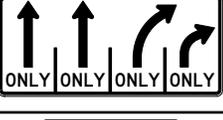
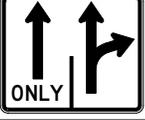
1. ONLY shall be used under all single-headed arrows (A-C).
2. Signs are to be designated first by panel height and then by the arrows used from left to right.
3. Arrows are first identified by letter A through J. On three section panels using arrows B or E follow the arrow letter identifier with the right (R) or left (L) designation in cases where the arrows could logically face either way.
4. Standard panel height is 30". 48" panel height is for overhead or oversized mounting.
5. Overhead mounting is only allowed for two designations (two section panels).

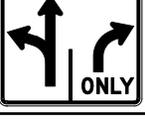
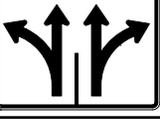
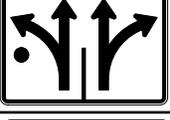
Sign Code	Sign Picture	Sign Size	Stock Number
R3-8AA		36 x 30	32230
R3-8AB		36 x 30	32399
		54 x 48	51032
R3-8ABC		54 x 30	33575
R3-8ABCA		66 x 30	33576
		102 x 48	33569
R3-8ABCD		72 x 30	34795
R3-8ABD		54 x 30	33577
R3-8ABLA		54 x 30	33578
R3-8ABRA		54 x 30	33579

Sign Code	Sign Picture	Sign Size	Stock Number
R3-8AC		36 x 30	33580
R3-8ACA		54 x 30	33581
R3-8ACC		54 x 30	33562
R3-8ACCA		66 x 30	33582
R3-8ACD		48 x 30	33583
R3-8AD		36 x 30	33584
		54 x 48	33570
R3-8AE		30 x 30	33585
R3-8AEBA		66 x 30	33586

R Series

R3-8 LANE-USE CONTROL SIGNS, cont.

Sign Code	Sign Picture	Sign Size	Stock Number
R3-8AEC		48 x 30	33587
R3-8AECA		66 x 30	33588
R3-8AELA		48 x 30	33589
R3-8AERA		48 x 30	33590
R3-8AF		36 x 30	33591
R3-8AG		36 x 30	33592
R3-8AHA		48 x 30	33593
R3-8AJA		54 x 30	33594
R3-8BA		36 x 30	35070
		54 x 48	33571
R3-8CA		36 x 30	33595
R3-8CCA		54 x 30	33563
R3-8CCBA		66 x 30	33596
R3-8CD		36 x 30	33597

Sign Code	Sign Picture	Sign Size	Stock Number
R3-8CEA		48 x 30	33598
R3-8DA		36 x 30	32075
R3-8DCA		54 x 30	33599
		90 x 48	33572
R3-8EA		30 x 30	33564
		60 x 48	33573
R3-8EE		42 x 30	33565
R3-8FA		36 x 30	33566
R3-8GA		36 x 30	33567
R3-8H		30 x 30	33568
R3-8KD		36 x 30	57627
R3-8KG		36 x 30	57630
R3-8LA		36 x 30	57634
R3-8LE		42 x 30	57635
R3-8MA		42 x 30	57628

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R3-9b		 For ground-mounted use	Black on White	CR-SL, ML	24 x 36	31117	
				O	36 x 48	31118	
R3-9cP			Black on White	CR-SL, ML	30 x 12	51542	
R3-9dP			Black on White	CR-SL, ML	30 x 12	51543	
R3-17			Black on White		24 x 18	51544	
R3-17aP		 Use with R3-17	Black on White		24 x 8	51545	
R3-17bP		 Use with R3-17	Black on White		24 x 8	51546	
R3-18			Black and Red on White	CR-SL	24 x 24	51547	
				CR-ML, E	36 x 36	51548	
				O	48 x 48	51549	
R3-27			Black and Red on White	CR-SL	24 x 24	51576	
				CR-ML, E	36 x 36	50920	
				O	48 x 48	50921	
R3-33			Black on White	E, F	78 x 36	50922	
R3-33M (R or L) MN Design	R16-X7		Black on White		48 x 60	35058 (L)	31341 (R)
R3-X3 (R or L) MN Design			Black on White	RA	36 x 60	31393	
R3-X5 MN Design			Black on White	CR-SL, ML	30 x 36	57590	
				O	48 x 60	57603	
R3-X5a MN Design			Black on White	CR-SL, ML	36 x 36	57641	
				O	48 x 48	57574	

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R4-1			Black on White	B-P	12 x 18	51363
				M	18 x 24	51364
				CR-SL, ML	24 x 30	31146
				E, O	36 x 48	51365
				F	48 x 60	51366
R4-2			Black on White	B-P	12 x 18	51367
				M	18 x 24	51368
				CR-SL, ML	24 x 30	31148
				E, O	36 x 48	51369
				F	48 x 60	51370
R4-3			Black on White	B-P	12 x 18	51399
				M	18 x 24	51400
				CR-SL, ML	24 x 30	31080
				E, O	36 x 48	31083
				F	48 x 60	31082
R4-3M MN Design	R4-3a		Black on White	F	84 x 36	31182
R4-4			Black on White		36 x 30	31800
R4-5			Black on White	CR-SL, ML	24 x 30	31354
				E, O	36 x 48	31355
				F	48 x 60	31356
R4-7			Black on White		12 x 18*	51401
				M	18 x 24	51402
				CR-SL, ML	24 x 30	30905
				E, O	36 x 48	31273
				F	48 x 60	56040
* To be used on channelizers						
R4-7c		 Narrow keep right for use in medians less than 4 feet.	Black on White	CR-SL, ML	18 x 30	51403

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R4-8			Black on White		12 x 18*	51517	
	M			18 x 24	51183		
	CR-SL, ML			24 x 30	51184		
	E, O			36 x 48	51185		
	F			48 x 60	51186		
* To be used on channelizers							
R4-8c MN Design		 Narrow keep left for use in medians less than 4 feet.	Black on White	CR-SL, ML	18 x 30	51187	
R4-11			Black on White		30 x 30	57632	
R4-17			Black on White	M	18 x 24	57638	
	CR-SL, ML			24 x 30	57579		
	E, O			36 x 48	57580		
	F			48 x 60	57594		
R4-X1 MN Design			Black on White		36 x 48	33613	
R4-X4 MN Design			Black on White		36 x 36	31803	
R4-X6 MN Design			Black on White		78 x 42	33617	
R4-X7 MN Design			Black on White		42 x 48	31400	
R4-X7P MN Design		 Use with R4-X7	Black on White		42 x 12	BEGIN	31401
	END					31804	
R4-X8 MN Design			Black on White		30 x 30	34496	

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R4-X8a MN Design			Black on White		30 x 36	51233	
R5-1			Red on White	CR-SL	30 x 30	24115	
				CR-ML, E, O	36 x 36	31756	
				F	48 x 48	31806	
R5-1a			Red on White	M	30 x 18	33619	
				CR-SL	36 x 24	24116	
				CR-ML, E, F, O	42 x 30	33620	
R5-2			Black and Red on White	CR-SL, ML	24 x 24	32221	
				E	30 x 30	51234	
				F, O	36 x 36	51235	
R5-3			Black on White	M, CR-SL, ML	24 x 24	31807	
R5-6			Black and Red on White	B-P	18 x 18	51236	
				M, CR-SL, ML	24 x 24	33621	
				E	30 x 30	51563	
				F	36 x 36	51470	
				O	48 x 48	51471	
R5-10aM MN Design	R5-10d		Black on White	RA	30 x 36	57595	
R5-X1 MN Design			Black and Red on White	M, CR-SL, ML	18 x 18	31808	
R5-X2 MN Design			Black on White		24 x 18	OFF	31703
						OUT	31702
R5-X3 MN Design			CROSSING HUNTING DUMPING FISHING CAMPING Black on White		24 x 18	TRESPASSING	33695
						CROSSING	33696
						HUNTING	33697
						DUMPING	33698
						FISHING	34796
						CAMPING	51472
R5-X4 MN Design			Black on White		24 x 30	31508	

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R5-X5 Overlay MN Design	E11-X2		White on Red	M	108 x 10	34298	
				CR-SL, ML	144 x 14	34299	
				E, F	180 x 16	34300	
R6-1 (R or L) Right is shown			Black on White	CR-SL	36 x 12	24119 (L)	24117 (R)
				CR-ML, E, F, O	54 x 18	51473 (L)	51478 (R)
R6-2 (R or L) Right is shown			Black on White	M	18 x 24	31000 (L)	30834 (R)
				CR-SL	24 x 30	31001 (L)	31012 (R)
				CR-ML	30 x 36	51479 (L)	51481 (R)
				E, O	36 x 48	34518 (L)	34519 (R)
				F	48 x 60	51480 (L)	50990 (R)
R6-3			Black on White	CR-SL, ML	30 x 24	34520	
				E, O	36 x 30	50991	
R6-3a			Black on White	CR-SL, ML	30 x 24	34521	
				E, O	36 x 30	51474	
R6-4		 Roundabout Directional	Black on White	CR-SL, ML	30 x 24	51475	
R6-4a		 Roundabout Directional for speed zones <45 mph and single lane approaches	Black on White	CR-SL, ML	48 x 24	51476	
R6-4b		 Roundabout Directional for speed zones ≥45 mph and/or multi-lane approaches	Black on White	CR-SL, ML	60 x 24	51477	
R6-6			Black on White	CR-SL	24 x 30	51199	
				CR-ML	30 x 36	21200	
R6-7			Black on White	CR-SL	24 x 30	51201	
				CR-ML	30 x 36	51202	

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R7-8M MN Design			White on Blue		12 x 18	31605
R7-8bP		 Use with R7-8M	White on Blue		12 x 6	31812
R7-108		 Permissive Parking Alternate legends available	Green on White		12 x 18	31811
R7-X2 MN Design			Red on White		18 x 24	31981
R8-3 MN Design			Black and Red on White	M	12 x 12	32179
				CR-SL	24 x 24	30861
				CR-ML	30 x 30	51245
				E, O	36 x 36	33699
				F	48 x 48	51246
R8-3dP		 Use with R8-3	Red on White	M	12 x 9	57599
				CR-SL, ML	24 x 18	57600
				O	30 x 24	57612
R8-3PM MN Design	R8-3mP	 Use with R8-3 Alternate legends available	Red on White	M	12 x 9	51247
				CR-SL	18 x 12	51248
				CR-ML	24 x 12	51249
R8-3PMa MN Design	R8-3mP	 Use with R8-3 Alternate legends available	Red on White	M	12 x 9	50877
				CR-SL	18 x 12	50878
				CR-ML	24 x 12	51277
R8-7			Black on White	CR-SL, ML	30 x 24	51279
				E, F, O	48 x 36	33705
R8-7M MN Design	R16-X4		Black on White	E, F	42 x 48	31704

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R8-8			Black on White	CR-SL, ML	24 x 30	33706	
	E, O			36 x 48	33707		
R9-3			Black and Red on White	CR-L, ML	18 x 18	31499	
	E			24 x 24	51280		
	F, O			30 x 30	51281		
R9-5			Black on White		12 x 18	33709	
R9-6			Black on White		12 x 18	33710	
R9-7 (R or L) Right is shown			Black on White	B-P	12 x 18	33712 (L)	33711 (R)
R9-9			Black on White		24 x 12	57613	
					30 x 18	33713	
R9-9 Overlay MN Design			Black on White		20 x 5	58102	
					27 x 6	58103	
R9-10M (R or L) MN Design	R9-10		Black on White		24 x 12	51282	
					48 x 24	51283	
R9-10M Overlay MN Design			Black on White		20 x 3	58104	
					40 x 6	58105	
R9-11 (R or L) Left is shown			Black on White		24 x 12	51218 (L)	51284 (R)
					48 x 36	51319 (L)	51285 (R)
R9-X1 MN Design			Black on White		12 x 18	33716	

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R10-3			Black on White	CR-SL, ML	9 x 12	51313	
R10-3b			Black and Orange on White	CR-SL, ML	9 x 12	51427	
		Alternate legends available					
R10-3d			Black and Orange on White	CR-SL, ML	9 x 12	51428	
		Alternate legends available					
R10-3e			Black and Orange on White	CR-SL, ML	9 x 15	51429	
		Alternate legends available					
R10-6 (R or L) Left is shown			Black on White	CR-SL, ML	24 x 36	33633 (L)	33631 (R)
				O	36 x 48	51431 (L)	51433 (R)
R10-7 MN Design			Black on White	CR-SL, ML	30 x 30	31773	
R10-7M MN Design	R10-7a		Black on White	CR-SL, ML	30 x 30	33634	
R10-10 (R or L)			Black on White	CR-SL, ML	30 x 36	51434 (L)	51194 (R)
R10-11b			Black on White	CR-SL, ML	36 x 36	31077	

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
R10-11c			Black on White	CR-SL, ML	30 x 42	57617	
R10-12			Black and Green on White	CR-SL, ML	30 x 36	56990	
				E	36 x 48	31358	
R10-15M MN Design (R or L)	R10-15a		Black on Fluorescent Yellow, Black and Red on White	CR-SL, ML, E	30 x 30	55938 (R) 58108 (L)	
R10-16			Black on White	CR-SL, ML	30 x 36	51195	
R10-X6 MN Design		 Ramp Metering Use Only	Black on White	RA	24 x 18	31774	
R10-X7 MN Design			Black on White	RA	24 x 30	31392	
				O	36 x 48	33639	
R10-X12 MN Design			Black on White	CR-SL, ML	36 x 42	51304	
				E	42 x 48	51334	
R10-X13 MN Design			Black on White	CR-SL, ML	36 x 42	51304	
				E	42 x 48	51334	
R11-2M MN Design	R11-2, R11-2a	RAMP LANE BIKE LANE BRIDGE STREET  OUT	Black on White		48 x 30	RAMP	33644
						LANE	57606
						BIKE LANE	57607
						BRIDGE	31739
						OUT	57889
						STREET*	33645
						ROAD*	57610
						CLOSED*	57890
*36 x 24 Optional							

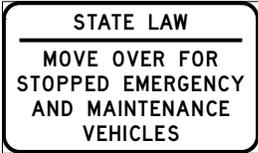
R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R11-3a			Black on White		60 x 30	33646
R11-3b	R11-3c		Black on White	CR-SL, ML	60 x 30	33647
R11-4			Black on White	CR-SL, ML	60 x 30	31776
R11-X1 MN Design			Black on White	CR-SL, ML	72 x 24	35056
				E, F	96 x 36	35057
R12-1			Black on White		24 x 30	31779
R12-2			Black on White	CR-SL, ML	24 x 30	31780
				E, O	36 x 48	31781
R12-5			Black on White	CR-SL, ML	24 x 36	34448
				E	36 x 48	31469
				F	48 x 60	51336
R12-5M MN Design	R12-5a		Black on White	CR-SL, ML	24 x 24	51337
				E	36 x 30	57619
R12-X1P MN Design	R12-5		Black on Yellow	CR-SL, ML	24 x 9	33648
R12-X1Pa MN Design	R12-5			E	36 x 12	31782
				F	48 x 12	51339
				Use with R12 series sign of same width.		
R12-X2 MN Design			Black on White	CR-SL, ML	60 x 36	31610
R12-X2a MN Design			Black on White	CR-SL, ML	78 x 36	34740
R12-X3 MN Design			Black on White	CR-SL, ML	36 x 24	33649

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R12-X3a MN Design			Black on White	CR-SL, ML	42 x 24	33651
R12-X4 MN Design			Black on White	CR-SL, ML	60 x 42	33653
R12-X4a MN Design			Black on White	CR-SL, ML	60 x 36	33654
R12-X5 MN Design			Black on White	CR-SL, ML	90 x 36	33655
R12-X11 MN Design			Black on White		36 x 36	34741
R13-X1 MN Design			Black on White	CR-SL, ML	114 x 60	56942
				E	156 x 78	53943
				F	192 x 96	56937
R14-1			Black on White	CR-SL, ML	24 x 18	31784
R15-3P		 Use with railroad crossbuck	Black on White	CR-SL, ML	24 x 12	51340
R15-7			Black on White	CR-SL, ML	24 x 24	34742
R15-7a			Black on White	CR-SL, ML	24 x 24	34743
R16-1 MN Design	R16-X12		Black on White	CR-SL, ML	18 x 24	57622
				O	30 x 42	57623
R16-1M MN Design	R16-X11		Black on White	CR-SL, ML, E, F	72 x 36	31219
R16-4			Black on Yellow and Black on White	CR-SL, ML	36 x 24	51341
				E, O	48 x 36	51342
				F	60 x 48	51343

R Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
R16-X2 MN Design			Black on White	CR-SL, ML, E, F	78 x 48	31292
R16-X3 MN Design			Black on White	CR-SL, ML, E, F	48 x 30	30862
R16-X5P MN Design	R4-X5		Black on White	CR-SL, ML	30 x 24	33614
				E, F	48 x 36	33616
R16-X10 MN Design			Black on White	CR-SL, ML	18 x 24	23839
				O	24 x 30	33680
R16-X13 MN Design			Black on White	CR-SL, ML	36 x 42	29642
R16-X15 MN Design			Black on White	CR-SL, ML, E, F	132 x 78	51495
R16-X16 MN Design			Black on White	CR-SL, ML	30 x 54	34744
				E, F, O	48 x 78	34745
R16-X17 MN Design			Black on White	CR-SL, ML, E, F	108 x 54	58135
R16-X40 MN Design			White on Black and Black on White		36 x 30	57624

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W1-1 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33684 (L)	33686 (R)
				B/Rt	24 x 24	51578 (L)	51577 (R)
				CR-SL	30 x 30	30842 (L)	30843 (R)
				CR-ML, E, F	36 x 36	32162 (L)	32163 (R)
				O	48 x 48	33685 (L)	33687 (R)
W1-1a (R or L) Right is shown			Black on Yellow	CR-SL, ML	36 x 36	51581 (L)	51579 (R)
				E, F, O	48 x 48	51582 (L)	51580 (R)
W1-2 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33688 (L)	33689 (R)
				B/Rt	24 x 24	51584 (L)	51583 (R)
				CR-SL	30 x 30	30844 (L)	30845 (R)
				CR-ML, E, F	36 x 36	28816 (L)	28815 (R)
				O	48 x 48	31436 (L)	31439 (R)
W1-2a (R or L) Right is shown			Black on Yellow	CR-SL, ML	36 x 36	51587 (L)	51585 (R)
				E, F, O	48 x 48	51588 (L)	51586 (R)
W1-3 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33690 (L)	33718 (R)
				B/Rt	24 x 24	50957 (L)	51589 (R)
				CR-SL	30 x 30	32740 (L)	32739 (R)
				CR-ML, E, F	36 x 36	33691 (L)	33719 (R)
				O	48 x 48	33692 (L)	33720 (R)
W1-4 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33721 (L)	33722 (R)
				B/Rt	24 x 24	50959 (L)	50958 (R)
				CR-SL	30 x 30	30846 (L)	30847 (R)
				CR-ML, E, F	36 x 36	31318 (L)	31317 (R)
				O	48 x 48	31316 (L)	31315 (R)
W1-4b (R or L) Right is shown			Black on Orange	M	30 x 30	57909 (L)	57904 (R)
				CR-SL, ML	36 x 36	33723 (L)	33725 (R)
				E, F	48 x 48	31878 (L)	31878 (R)
W1-4c (R or L) Right is shown			Black on Orange	M	30 x 30	57911 (L)	57910 (R)
				CR-SL, ML	36 x 36	51002 (L)	51001 (R)
				E, F	48 x 48	33729 (L)	33730 (R)
W1-5 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33731 (L)	33733 (R)
				B/Rt	24 x 24	51004 (L)	51003 (R)
				CR-SL	30 x 30	30848 (L)	30849 (R)
				CR-ML, E, F	36 x 36	30850 (L)	31387 (R)
				O	48 x 48	33732 (L)	33724 (R)
W1-6			Black on Yellow	B-P	24 x 12	24611	
				B/Rt	36 x 18	57912	
				CR-SL, ML	48 x 24	24612	
				E, F	60 x 30	57933	
				O	72 x 36	32086	

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W1-7			Black on Yellow	B-P	24 x 12	33736	
				B/Rt	36 x 18	56939	
				CR-SL, ML	48 x 24	28789	
				O	60 x 30	57934	
					72 x 36	30851	
W1-8			Black on Yellow	CR-SL, ML	18 x 24	33253	
				O	24 x 30	33254	
				E	30 x 36	33738	
				F	36 x 48	33265	
W1-10 (R or L) Right is shown			Black on Yellow	CR-SL, ML, E	36 x 36	33745 (L)	33741 (R)
				F	48 x 48	33746 (L)	33742 (R)
W1-10a (R or L) Right is shown			Black on Yellow	CR-SL, ML, E	36 x 36	51007 (L)	51005 (R)
				F	48 x 48	51008 (L)	51006 (R)
W1-10b (R or L) Right is shown			Black on Yellow	CR-SL, ML, E	36 x 36	50966 (L)	51009 (R)
				F	48 x 48	51107 (L)	51010 (R)
W1-10c (R or L) Right is shown			Black on Yellow	CR-SL, ML, E	36 x 36	51150 (L)	51108 (R)
				F	48 x 48	51151 (L)	51109 (R)
W1-10d (R or L) Right is shown			Black on Yellow	CR-SL, ML, E	36 x 36	51154 (L)	51152 (R)
				F	48 x 48	51155 (L)	51153 (R)
W1-10e (R or L) Right is shown			Black on Yellow	CR-SL, ML, E	36 x 36	51158 (L)	51156 (R)
				F	48 x 48	51314 (L)	51157 (R)
W1-11 (R or L) Right is shown			Black on Yellow	CR-SL	30 x 30	57894 (L)	57935 (R)
				CR-ML, E	36 x 36	35368 (L)	35366 (R)
				F, O	48 x 48	35369 (L)	35367 (R)
W1-13 (R or L) Right is shown			Black on Yellow	CR-SL, ML, E, O	36 x 36	51496 (L)	51413 (R)
				F	48 x 48	51497 (L)	51414 (R)

*All diamond shaped warning signs installed on multi-lane conventional roads with speeds greater than 35 mph shall be at least 36" x 36".
For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less,
use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W1-15 (R or L) Right is shown			Black on Yellow	CR-SL	30 x 30	51498	
				CR-ML, E	36 x 36	51499	
				F, O	48 x 48	51500	
W2-1			Black on Yellow	B-P	18 x 18	33747	
				B/Rt, M	24 x 24	51501	
				CR-SL	30 x 30	31336	
				CR-ML, E	36 x 36	31337	
				O	48 x 48	31338	
W2-2 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33750 (L)	58136 (R)
				B/Rt, M	24 x 24	51504 (L)	51502 (R)
				CR-SL, ML*	30 x 30	30852 (L)	58137 (R)
				E	36 x 36	31562 (L)	58138 (R)
				O	48 x 48	51505 (L)	51503 (R)
W2-3 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	33751 (L)	33754 (R)
				B/Rt, M	24 x 24	51444 (L)	51506 (R)
				CR-SL, ML*	30 x 30	33752 (L)	33755 (R)
				E	36 x 36	33753 (L)	24149 (R)
				O	48 x 48	51558 (L)	51507 (R)
W2-4			Black on Yellow	B-P	18 x 18	33756	
				B/Rt, M	24 x 24	51559	
				CR-SL, ML*	30 x 30	24150	
				E	36 x 36	24619	
				O	48 x 48	51560	
W2-5			Black on Yellow	B-P	18 x 18	33757	
				B/Rt, M	24 x 24	51561	
				CR-SL, ML*	30 x 30	33758	
				E	36 x 36	33759	
				O	48 x 48	51562	
W2-6	W2-6a		Black on Yellow	M	24 x 24	50839	
				CR-SL, ML*	30 x 30	50840	
				E	36 x 36	33760	
				O	48 x 48	33761	
W2-7 (R or L) MN Design Right is shown			Black on Yellow	M	24 x 24	50845 (L)	50841 (R)
				CR-SL, ML*	30 x 30	50846 (L)	50842 (R)
				E	36 x 36	50854 (L)	50843 (R)
				O	48 x 48	50855 (L)	50844 (R)
W2-8 (R or L) MN Design Right is shown			Black on Yellow	M	24 x 24	50856	
				CR-SL, ML*	30 x 30	50857	
				E	36 x 36	50858	
				O	48 x 48	50859	
W2-X12 MN Design			Black on Yellow	CR-SL, ML*	30 x 30	34749	
				E	36 x 36	34747	
				O	48 x 48	34748	

*All diamond shaped warning signs installed on multi-lane conventional roads with speeds greater than 35 mph shall be at least 36" x 36".
For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less,
use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W3-1			Black and Red on Yellow	B-P	18 x 18	33764
				B/Rt, M, CR-SL	30 x 30	33765
				CR-ML	36 x 36	27835
				E, F	48 x 48	24621
W3-2			Black, Red and White on Yellow	B-P	18 x 18	51290
				B/Rt, M, CR-SL	30 x 30	29505
				CR-ML	36 x 36	29507
				E, F	48 x 48	29509
W3-3			Black, Red and Green on Yellow	B-P	18 x 18	51291
				B/Rt, M, CR-SL	30 x 30	50852
				CR-ML	36 x 36	29511
				E, F	48 x 48	29513
W3-4			Black on Orange	CR-SL, ML	36 x 36	33766
				E, F	48 x 48	33774
W3-5			Black on Yellow	CR-SL, ML	36 x 36	50853
				E, F	48 x 48	33775
W3-7			Black on Yellow	CR-SL, ML	36 x 36	57914
W3-8			Black on Yellow	CR-SL, ML	36 x 36	51392
W3-X4 MN Design			Black on Yellow	M, CR-SL, ML, E, O	66 x 42	32480
W3-X5 MN Design			Black on Yellow	M	30 x 30	57915
				CR-SL, ML	36 x 36	33073
				E, F	48 x 48	33072
W3-X6 MN Design			Black on Yellow	CR-SL, ML	72 x 24	35059
				E, F	96 x 36	35060

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W3-X8 MN Design			Black on Yellow	E	66 x 42	51509	
W3-X8a MN Design			Black on Yellow	CR-ML	48 x 48	50879	
W16-13P MN Design	W3-X8aP			Use w/48" diamond	42 x 30	50882	
W3-X8b MN Design			Black on Yellow	CR-SL	36 x 36	50881	
W16-13P MN Design	W3-X8aP			Use w/36" diamond	30 x 24	50880	
W4-1 (R or L) Right is shown			Black on Yellow	M	30 x 30	32401 (L)	32522 (R)
				CR-SL, ML	36 x 36	28803 (L)	28808 (R)
				E, F	48 x 48	28805 (L)	28806 (R)
W4-2 (R or L) Right is shown			Black on Yellow	M	30 x 30	50995 (L)	50992 (R)
				CR-SL, ML	36 x 36	50996 (L)	50993 (R)
				E, F	48 x 48	50997 (L)	50994 (R)
W4-3 (R or L) Right is shown			Black on Yellow	M	30 x 30	50999 (L)	50998 (R)
				CR-SL, ML	36 x 36	32524 (L)	32523 (R)
				E, F	48 x 48	31564 (L)	29805 (R)
W4-4P			Black on Yellow	Use w/30" R1-1	24 x 12	51123	
				Use w/36" R1-1	36 x 18	51124	
				Use w/48" R1-1	48 x 24	51125	
W4-4aP (R or L)			Black on Yellow	Use w/30" R1-1	24 x 12	57917 (L)	57916 (R)
				Use w/36" R1-1	36 x 18	51293 (L)	51127 (R)
				Use w/48" R1-1	48 x 24	51294 (L)	51128 (R)

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W4-4bP			Black on Yellow	Use w/30" R1-1	24 x 12	57918	
				Use w/36" R1-1	36 x 18	51296	
				Use w/48" R1-1	48 x 24	51297	
W4-5			Black on Yellow	CR-SL, ML	36 x 36	51298	
				E	48 x 48	51050	
W4-5P			Black on Yellow	CR-SL, ML	18 x 24	53990	
				E	24 x 30	53991	
W4-6			Black on Yellow	CR-SL, ML	36 x 36	35073 (L)	34683 (R)
				E	48 x 48	35074 (L)	34684 (R)
W4-X1 (R or L) MN Design			Black on Yellow	E, F	48 x 48	31463 (L)	31464 (R)
				O	60 x 60	33781 (L)	33782 (R)
W5-1			Black on Yellow	M	30 x 30	33783	
				CR-SL, ML	36 x 36	33784	
				E, F	48 x 48	33785	
W5-2			Black on Yellow	M	30 x 30	51051	
				CR-SL, ML	36 x 36	33786	
				E, F	48 x 48	33788	
W5-4			Black on Yellow	M	30 x 30	57919	
				CR-SL, ML	36 x 36	57920	
				E, F	48 x 48	57921	
W5-4a			Black on Yellow	B-P	18 x 18	33789	
W5-X1 MN Design			Black on Yellow	CR-SL, ML	36 x 36	31894	
				E, F	48 x 48	31895	

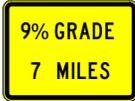
For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W6-1			Black on Yellow	CR-SL, ML	36 x 36	30476
				E, F	48 x 48	31369
W6-2			Black on Yellow	CR-SL, ML	36 x 36	30476
				E, F	48 x 48	31369
W6-3			Black on Yellow	CR-SL, ML	36 x 36	30471
				E, F	48 x 48	31566
W6-4			Black on Orange		12 x 18	34522
W6-X2 MN Design			Black on Yellow	CR-SL, ML	36 x 36	35033
				E, F	48 x 48	35065
W7-1			Black on Yellow	M	24 x 24	51216
				CR-SL	30 x 30	32136
				CR-ML, E, F	36 x 36	29515
				O	48 x 48	31896
W7-1a			Black on Yellow	M	24 x 24	51217
				CR-SL	30 x 30	33790
				CR-ML, E, F	36 x 36	33791
				O	48 x 48	33792
W7-2bP			Black on Yellow	CR-SL, ML	24 x 18	51259
W7-3P			Black on Yellow	CR-SL, ML	24 x 18	51260
W7-3aP			Black on background color matching warning sign	Use w/30" diamond	24 x 18	51261
				Use w/36" diamond	30 x 24	33794
				Use w/48" diamond	36 x 30	33795

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W7-3bP			Black on Yellow	CR-SL, ML	24 x 18	51262
W7-5 MN Design			Black on Yellow	B-P	18 x 18	31897
				B/Rt	30 x 30	51263
W8-1			Black on Yellow	B-P	18 x 18	51264
				B/Rt, M	24 x 24	51265
				CR-SL	30 x 30	51266
				CR-ML, E	36 x 36	50974
				F, O	48 x 48	50975
W8-1M MN Design	W8-1a		Black on Yellow	M	24 x 24	50976
				CR-SL	30 x 30	31901
				CR-ML, E	36 x 36	31902
				F, O	48 x 48	31903
W8-2			Black on Yellow	B-P	18 x 18	50977
				B/Rt, M	24 x 24	50978
				CR-SL	30 x 30	31906
				CR-ML, E	36 x 36	50979
				F, O	48 x 48	50980
W8-3			Black on Yellow	B-P	18 x 18	50981
				B/Rt, M	30 x 30	31907
				CR-SL, ML	36 x 36	31908
				E	48 x 48	31909
W8-4			Black on Yellow	M	24 x 24	51090
				CR-SL, ML	36 x 36	31911
				E, F, O	48 x 48	31912
W8-5			Black on Yellow	M	24 x 24	51091
				CR-SL	30 x 30	24188
				CR-ML, E	36 x 36	28800
				F, O	48 x 48	24189
W8-5P			Black on Yellow	CR-SL, ML	24 x 18	51092
				E	30 x 24	51093
				F, O	36 x 30	51094
W8-5bP			Black on Yellow	CR-SL, ML	24 x 18	51422
				E	30 x 24	51423
				F, O	36 x 30	51424

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W8-7			Black on Yellow	M	24 x 24	51455
				CR-SL, ML, E	36 x 36	30926
				O	48 x 48	33803
W8-8			Black on Yellow	M	24 x 24	51445
				CR-SL, ML, E	36 x 36	51446
				O	48 x 48	31914
W8-9			Black on Yellow	M	24 x 24	51447
				CR-SL, ML, E	36 x 36	51448
				O	48 x 48	51449
W8-9a			Black on Orange	M	30 x 30	57849
				CR-SL, ML	36 x 36	51450
				E, F	48 x 48	51114
W8-9M MN Design	W21-X9		Black on Orange	CR-SL, ML	36 x 36	57868
				E, F	48 x 48	57869
W8-10			Black on Yellow	B-P	18 x 18	31898
				B/Rt	30 x 30	33804
W8-10P			Black on Yellow	B-P, B/Rt	12 x 9	51115
W8-11			Black on Yellow	M	30 x 30	57870
				CR-SL, ML, E	36 x 36	51116
				F, O	48 x 48	51117
W8-12			Black on Yellow	M	30 x 30	57871
				CR-SL, ML	36 x 36	51118
				E, F	48 x 48	51119
W8-13			Black on Yellow	M	24 x 24	51075
				CR-SL, ML, E	36 x 36	51322
				F, O	48 x 48	51323

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

*All diamond shaped warning signs installed on multi-lane conventional roads with speeds greater than 35 mph shall be at least 36" x 36".

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W8-14			Black on Yellow	CR-SL, ML*	30 x 30	51325	
				E, F	36 x 36	51326	
W8-15			Black on Yellow	M	24 x 24	50959	
				CR-SL	30 x 30	50950	
				CR-ML, E	36 x 36	59051	
				F, O	48 x 48	50952	
W8-15P			Black on Yellow	CR-SL, ML	24 x 18	50953	
				E	30 x 24	50954	
				F, O	36 x 30	50955	
				May use 24" x 18" on a 48" x 48" diamond sign when mounted on a portable sign stand.			
W8-16			Black on Yellow	M	24 x 24	51122	
				CR-SL	30 x 30	51163	
				CR-ML, E	36 x 36	51164	
				F, O	48 x 48	51165	
W8-17 (R or L) Right is shown			Black on Yellow	M	24 x 24	51179 (L)	51166 (R)
				CR-SL, ML*	30 x 30	51180 (L)	51167 (R)
				E	36 x 36	51191 (L)	31177 (R)
				F, O	48 x 48	51522 (L)	51178 (R)
W8-17P			Black on Yellow	CR-SL, ML	24 x 18	51523	
				E	30 x 24	51439	
				F, O	36 x 30	50936	
W8-18			Black on Yellow	M	24 x 24	50937	
				CR-SL, ML, E	36 x 36	50938	
				F, O	48 x 48	50939	
W8-19			Black on Yellow	CR-SL, ML	12 x 72	50940	
W8-21			Black on Yellow	M	24 x 24	50941	
				CR-SL, ML, E	36 x 36	50942	
				F, O	48 x 48	50943	
W8-22			Black on Yellow	M	24 x 24	50944	
				CR-SL, ML, E	36 x 36	51458	
				F, O	48 x 48	51459	

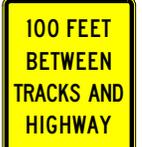
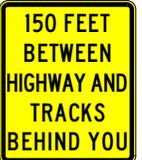
For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W8-23			Black on Yellow	M	24 x 24	51460	
				CR-SL, ML, E	36 x 36	51461	
				F, O	48 x 48	51462	
W8-24			Black on Orange	M	30 x 30	57872	
				CR-SL, ML	36 x 36	57873	
				E, F	48 x 48	57876	
W8-25			Black on Yellow	M	24 x 24	51463	
				CR-SL	30 x 30	51464	
				CR-ML, E	36 x 36	51537	
				F, O	48 x 48	51538	
W8-X14 MN Design	W21-X8	 Not for use on MnDOT or federal state aid roads.	Black on Yellow		36 x 30	33910	
W9-1 (R or L)		 LEFT	Black on Yellow	M	30 x 30	51372 (L)	51371 (R)
				CR-SL, ML, E	36 x 36	31524 (L)	29519 (R)
				F, O	48 x 48	29807 (L)	24625 (R)
W9-2 (R or L)		 LEFT	Black on Yellow	M	30 x 30	51457 (L)	51456 (R)
				CR-SL, ML, E	36 x 36	33809 (L)	33811 (R)
				F, O	48 x 48	33810 (L)	33812 (R)
W10-1			Black on Yellow	B-P	24" Diameter	51223	
				B/Rt, CR-SL, ML	36" Diameter	24626	
				E, O	48" Diameter	33814	
W10-1aP MN Design			Black on Yellow	CR-SL, ML	24 x 12	24627	
W10-2 (R or L) Right is shown			Black on Yellow	CR-SL, ML	36 x 36	24628	
				E, O	48 x 48	51225	
W10-3 (R or L) Right is shown			Black on Yellow	CR-SL, ML	36 x 36	24629	
				E, O	48 x 48	51227	

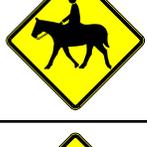
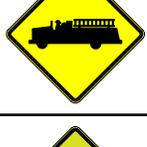
*All diamond shaped warning signs installed on multi-lane conventional roads with speeds greater than 35 mph shall be at least 36" x 36".
For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less,
use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W10-4 (R or L) Right is shown			Black on Yellow	CR-SL, ML	36 x 36	27831 (L)	27830 (R)
				E, O	48 x 48	51230 (L)	51229 (R)
W10-5			Black on Yellow	CR-SL, ML	36 x 36	35331	
				E, O	48 x 48	35332	
W10-5P			Black on Yellow	CR-SL, ML	30 x 24	51273	
W10-9			Black on Yellow	CR-SL, ML	36 x 36	51274	
				E, O	48 x 48	51275	
W10-9P			Black on Yellow	B-P	18 x 12	51276	
				B/Rt, CR-SL, ML	30 x 24	51362	
W10-11			Black on Yellow	CR-SL, ML	36 x 36	35076	
				E, O	48 x 48	50967	
W10-11a			Black on Yellow	CR-SL, ML	30 x 36	34754	
W10-11b			Black on Yellow	CR-SL, ML	30 x 36	34755	
W10-12 (R or L) Right is shown			Black on Yellow	B-P	18 x 18	51015 (L)	50970 (R)
				CR-SL, ML	36 x 36	51016 (L)	50972 (R)
				E, O	48 x 48	51017 (L)	51014 (R)
W10-X3 MN Design			Black on Yellow	CR-SL, ML	36 x 36	24631	
				E, O	48 x 48	51018	

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W11-1			Black on Fluorescent Yellow-Green	B-P	18 x 18	51019
				M, B/Rt	24 x 24	51182
				CR-SL, ML*	30 x 30	31462
				E	36 x 36	33818
				O	48 x 48	57877
W11-2			Black on Fluorescent Yellow-Green	B-P	18 x 18	50971
				M, B/Rt	24 x 24	51315
				CR-SL	30 x 30	30440
				CR-ML, E	36 x 36	30448
				O	48 x 48	34089
W11-3			Black on Yellow	M	24 x 24	51316
				CR-SL	30 x 30	51317
				CR-ML, E	36 x 36	29808
				O	48 x 48	31310
W11-4			Black on Yellow	M	24 x 24	51344
				CR-SL	30 x 30	31987
				CR-ML, E	36 x 36	33819
				O	48 x 48	51345
W11-5			Black on Yellow	M	24 x 24	51346
				CR-SL	30 x 30	31874
				CR-ML, E	36 x 36	31875
				O	48 x 48	51347
W11-6			Black on Yellow	M	24 x 24	51348
				CR-SL	30 x 30	31876
				CR-ML, E	36 x 36	33820
				O	48 x 48	51349
W11-7			Black on Yellow	M	24 x 24	51350
				CR-SL	30 x 30	33821
				CR-ML, E	36 x 36	33822
				O	48 x 48	51351
W11-8			Black on Yellow	M	24 x 24	51352
				CR-SL	30 x 30	31261
				CR-ML, E	36 x 36	31262
				O	48 x 48	51468
W11-9			Black on Fluorescent Yellow-Green	CR-SL	30 x 30	29347
				CR-ML, E	36 x 36	32273
				O	48 x 48	51469
W11-10			Black on Yellow	M	24 x 24	51508
				CR-SL	30 x 30	33823
				CR-ML, E	36 x 36	33824
				O	48 x 48	51536

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W11-14			Black on Yellow	M	24 x 24	50866
				CR-SL	30 x 30	32779
				CR-ML, E	36 x 36	33825
				O	48 x 48	50867
W11-15			Black on Fluorescent Yellow-Green	M	24 x 24	50868
				CR-SL	30 x 30	50869
				CR-ML, E	36 x 36	50870
				O	48 x 48	50871
W11-15a			Black on Fluorescent Yellow-Green	M	24 x 24	50872
				CR-SL	30 x 30	50873
				CR-ML, E	36 x 36	50874
				O	48 x 48	50875
W11-15P			Black on Fluorescent Yellow-Green	B-P	18 x 12	50876
				B/Rt, CR-SL, ML	24 x 18	50847
				E	30 x 24	51011
				O	36 x 30	51012
W11-X3 MN Design			Black on Yellow	CR-SL, ML	36 x 36	30120
				E, O	48 x 48	24470
W12-1			Black on Yellow	CR-SL	30 x 30	56052
				CR-ML, E	36 x 36	51013
W12-2			Black on Yellow	B-P	18 x 18	33827
				B/Rt, M	30 x 30	33828
				CR-SL, ML	36 x 36	29521
				E, F	48 x 48	31028
W12-2a		 Mounted on structure	Black on Yellow	CR-SL, ML	78 x 24	57878
W13-1P			Black on Yellow	Use w/30" diamond	18 x 18	31260
				Use w/36" diamond	24 x 24	24636
				Use w/48" diamond	30 x 30	24637
				May use 24" x 24" on a 48" x 48" diamond sign when mounted on a portable sign stand.		
W13-2			Black on Yellow	CR-SL, ML	24 x 30	51061
				E, F	36 x 48	31259
				O	48 x 60	29809

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
W13-3			Black on Yellow	CR-SL, ML	24 x 30	51062
				E, F	36 x 48	51063
				O	48 x 60	51064
W13-4P			Black on Orange		36 x 36	50864
W13-6			Black on Yellow	CR-SL, ML	24 x 42	50865
				E, F	36 x 60	51159
				O	48 x 84	51160
W13-7			Black on Yellow	CR-SL, ML	24 x 42	51161
				E, F	36 x 60	51162
				O	48 x 84	51204
W14-1			Black on Yellow	M	24 x 24	33835
				CR-SL	30 x 30	31586
				CR-ML, E	36 x 36	51205
				O	48 x 48	51206
W14-2			Black on Yellow	M	24 x 24	57879
				CR-SL	30 x 30	57880
				CR-ML, E	36 x 36	57881
				O	48 x 48	57906
W14-3			Black on Yellow	CR-SL, ML	64 x 64 x 48	51207
W14-X2 MN Design			Black on Yellow		48 x 48	31880
W14-X9 MN Design			Black on Yellow		30 x 36	31503
W14-X10 MN Design			Black on Yellow		12 x 18	32533
W14-X11 MN Design			Black on Orange	CR-SL	36 x 36	33836
				CR-ML, E, F	48 x 48	33837

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W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W14-X12 MN Design			Black on Orange		48 x 48	35066	
W14-X13 MN Design			Black on Orange		48 x 48	35067	
W14-X15 MN Design			Black on Pink	CR-SL, ML	36 x 36	51208	
				E, F	48 x 48	52109	
W14-X16 MN Design			Black on Orange		48 x 48	57907	
W15-1			Black on Fluorescent Yellow-Green	B-P	18 x 18	51210	
				B/Rt, M	24 x 24	51211	
				CR-SL	30 x 30	51000	
				CR-ML, E	36 x 36	50924	
				O	48 x 48	57898	
W16-1P			Black on Fluorescent Yellow-green	B/Rt, CR-SL, ML	18 x 24	50925	
				E, O	24 x 30	50926	
W16-2P	W20-100P		Black on background color matching warning sign	Use w/30" diamond	24 x 18	33861	
				Use w/36" & 48" diamond	30 x 24	33862	
				May use 24" x 18" on a 48" x 48" diamond sign when mounted on a portable sign stand.			
W16-3P	W20-100P		Black on background color matching warning sign	CR-SL, ML	30 x 24	33872	
				May use 30" x 24" on a 48" x 48" diamond sign when mounted on a portable sign stand.			
W16-4P			Black on background color matching warning sign	CR-SL, ML	30 x 24	57859	
W16-5P (R or L) Right is shown	W16-5mP		Black on background color matching warning sign	CR-SL, ML	24 x 18	51036	
W16-6P (R or L) Right is shown	W16-6mP		Black on background color matching warning sign	CR-SL, ML	24 x 18	51942 (L)	51085 (R)

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W16-7P (R or L) Right is shown	W16-7mP		Black on background color matching warning sign	Use w/30" diamond	24 x 12	57866 (L)	57860 (R)
				Use w/36" & 48" diamond	30 x 18	57862 (L)	57861 (R)
				See W21-X3P when using diamond sign mounted on a portable sign stand.			
W16-8P MN Design			Black on background color matching warning sign	CR-SL, ML	Varies x 8	50907	
				Use with W2 and W3 Series, W10-2, W10-3, and W10-4 signs			
W16-8aP MN Design			Black on background color matching warning sign	CR-SL, ML	Varies x 15	50908	
				Use with W2 and W3 Series, W10-2, W10-3, and W10-4 signs			
W16-9P			Black on background color matching warning sign	CR-SL, ML	24 x 12	34349	
				E	30 x 18	34350	
W16-13P			Black on background color matching warning sign	Use w/30" diamond	24 x 18	50882	
				Use w/36" diamond	30 x 24	53987	
				Use w/48" diamond	42 x 30	57863	
W16-15P MN Design			Black on background color matching warning sign	CR-SL, ML	24 x 12	50909	
W16-17P MN Design			Black on background color matching warning sign	CR-SL, ML	36 x 12	50910	
W16-17M Overlay MN Design			Black on Yellow	CR-SL, ML	90 x 14		
W19-1			Black on Yellow	F	144 x 48	50912	
W19-2			Black on Yellow	E	144 x 48	50913	
W19-5			Black on Yellow	E, F	90 x 48	51267	
W20-1			Black on Orange	M	30 x 30	57864	
				CR-SL, ML	36 x 36	31883	
				E, F	48 x 48	31884	
W20-1M MN Design	W20-X9		Black on Orange	TRAIL	18 x 18	57865	
				CR-SL, ML	36 x 36	33895	
				E, F	48 x 48	32333	

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W20-2			Black on Orange	M	30 x 30	57815	
				CR-SL, ML	36 x 36	33856	
				E, F	48 x 48	28528	
W20-3			Black on Orange	M	30 x 30	57867	
				CR-SL, ML	36 x 36	33857	
				E, F	48 x 48	31706	
W20-3M MN Design	W20-3a		Black on Orange	B-P	18 x 18	34765	
				CR-SL, ML	36 x 36	57850	
				E, F	48 x 48	24650	
W20-4			Black on Orange	M	30 x 30	57816	
				CR-SL, ML	36 x 36	51393	
				E, F	48 x 48	51394	
W20-5			Black on Orange	M	30 x 30	57831	
				CR-SL, ML	36 x 36	57766	
				E, F	48 x 48	57767	
W20-7			Black on Orange	M	30 x 30	57768	
				CR-SL, ML	36 x 36	51395	
				E, F	48 x 48	51396	
				O	60 x 60	51397	
W20-8M MN Design	W21-X7		STOP: White on Red SLOW: Black on Orange		18 x 18	24659	
					36 x 36*	34345	
					* Automated flagging device size		
W20-X1 MN Design	W20-1a		Black on Orange		30 x 24	58109	
W20-X1 Overlay MN Design			Black on Orange		24 x 6	58110	
						58111	
W20-X3 (R or L) MN Design Right is shown			Black on Yellow	M	30 x 30	57769 (L)	57770 (R)
				CR-SL, ML	36 x 36	35337 (L)	35335 (R)
				E, F	48 x 48	35338 (L)	35336 (R)

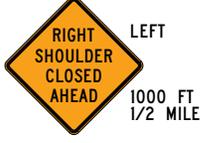
For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W20-X5 MN Design	W21-X5		Black on Orange	CR-SL, ML	36 x 36	56940	
				E, F	48 x 48	56944	
W20-X6 MN Design			Black on Orange	M	30 x 30	57771	
				CR-SL, ML	36 x 36	33893	
				E, F	48 x 48	31887	
W20-X11 MN Design			Black on Orange	M	30 x 30	57817	
				CR-SL, ML	36 x 36	31885	
				E, F	48 x 48	31886	
W20-X12 MN Design			Black on Orange	CR-SL, ML	36 x 36	57938	
				E, F	48 x 48	33898	
W20-X13 (R or L) MN Design			Black on Orange	M	30 x 30	57940 (L)	57939 (R)
				CR-SL, ML	36 x 36	57772 (L)	57765 (R)
				E, F	48 x 48	57790 (L)	57773 (R)
W20-X17 MN Design			Black on Orange	M	30 x 30	57791	
				CR-SL, ML	36 x 36	31888	
				E, F	48 x 48	31889	
W20-X19 MN Design			Black on Orange	E, F	48 x 48	55945	
W20-X20 MN Design			Black on Orange	CR-SL, ML	36 x 36	57792	
				E, F	48 x 48	57793	
W20-X21 MN Design			Black on Orange	CR-SL, ML	36 x 36	57794	
				E, F	48 x 48	57795	
W21-1a			Black on Orange	M	30 x 30	57796	
				CR-SL, ML	36 x 36	50884	
				E, F	48 x 48	50885	

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W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W21-2			Black on Orange	M	30 x 30	57797	
				CR-SL, ML	36 x 36	33901	
				E, F	48 x 48	33902	
W21-5			Black on Orange	M	30 x 30	57798	
				CR-SL, ML	36 x 36	51252	
				E, F	48 x 48	51253	
W21-5a (R or L)			Black on Orange	M	30 x 30	57775 (L)	57774 (R)
				CR-SL, ML	36 x 36	57777 (L)	57776 (R)
				E, F	48 x 48	57800 (L)	57799 (R)
W21-5b (R or L)			Black on Orange	M	30 x 30	57828 (L)	57827 (R)
				CR-SL, ML	36 x 36	57830 (L)	57829 (R)
				E, F	48 x 48	57841 (L)	57840 (R)
W21-6M MN Design	W21-6a		Black on Orange	M	30 x 30	57842	
				CR-SL, ML	36 x 36	24253	
				E, F	48 x 48	24652	
W21-7			Black on Orange	M	30 x 30	57843	
				CR-SL, ML	36 x 36	50886	
				E, F	48 x 48	50887	
W21-X3P MN Design	W21-X3		Black on Orange	Use with channelizers	18 x 18	57844	
					24 x 24	57845	
					30 x 30	57847	
				May use 18" x 18" on a 48" x 48" diamond sign when mounted on a portable sign stand.			
W21-X4M MN Design	W21-X4a	 LEFT ROAD RAMP SHOULDER CENTER LANE	Black on Orange	CR-SL, ML	66 x 24	51138	
				E, F	90 x 36	51139	
				To be mounted on vehicles only.			
W21-X6 MN Design			Black on Orange	M	30 x 30	57847	
				CR-SL, ML	36 x 36	33909	
				E, F	48 x 48	28532	
W21-X10 MN Design			Black on Orange	Striper Train Sign	60 x 36	31475	
					66 x 42	32239	

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W Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
W21-X11 MN Design			Black on Orange	Striper Train Sign Arrow is demountable	54 x 22	29776	
W21-X12 MN Design			Black on Orange	Striper Train Sign	72 x 18	33911	
W21-X13 MN Design			Black on Orange	Striper Train Sign	72 x 36	33912	
					90 x 42	33913	
W22-1			Black on Orange	M	30 x 30	57848	
				CR-SL, ML	36 x 36	33914	
				E, F	48 x 48	33915	
W22-2			Black on Orange	CR-SL, ML, E, F	42 x 36	51254	
W22-3			Black on Orange	M	36 x 30	33917	
				CR-SL, ML, E, F	42 x 36	33918	
W23-2			Black on Yellow or Orange	M	30 x 30	57923	
				CR-SL, ML	36 x 36	51256	
				E, F	48 x 48	51452	
W24-1 (R or L) Right is shown			Black on Orange	M	30 x 30	57779 (L)	57778 (R)
				CR-SL, ML	36 x 36	51482 (L)	51453 (R)
				E, F	48 x 48	51484 (L)	51483 (R)
W24-1a (R or L) Right is shown			Black on Orange	M	30 x 30	57784 (L)	57783 (R)
				CR-SL, ML	36 x 36	50848 (L)	51485 (R)
				E, F	48 x 48	50850 (L)	50849 (R)
W24-1b (R or L) Right is shown			Black on Orange	M	30 x 30	57781 (L)	57780 (R)
				CR-SL, ML	36 x 36	50893 (L)	50851 (R)
				E, F	48 x 48	51327 (L)	50894 (R)

For diamond signs in Temporary Traffic Control Zones use 36" x 36" signs for roads with posted speed limits of 40 MPH or less, use 48" x 48" signs for roads with posted speed limits of 45 MPH or greater.

M Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
M1-1			White on Red and Blue	M	18 x 18	33919	
					22.5 x 18*	33920	
				CR-SL, ML	24 x 24	32287	
					30 x 24*	33921	
				E, F	36 x 36	33922	
					45 x 36*	31502	
* 3 Digit Sign							
M1-2			White on Green	CR-SL, ML	24 x 24	31853	
					30 x 24*	57891	
				E, F	36 x 36	33926	
					45 x 36*	57892	
* 3 Digit Sign							
M1-3			White on Green	CR-SL, ML	24 x 24	31854	
					30 x 24*	57893	
				E, F	36 x 36	33929	
					45 x 36*	57786	
* 3 Digit Sign							
M1-4	Combined with M1-4a		Black on White	CR-SL, ML	24 x 24	31526	
					30 x 24*	51328	
				E, F	36 x 36	33929	
					45 x 36*	51329	
				* 3 Digit Sign			
	Overlay for Guide Sign Use			Black on White	M	18 x 18	33930
						22.5 x 18*	33931
					CR-SL, ML	24 x 24	33932
						30 x 24*	33933
					E, F	36 x 36	32295
45 x 36*	33934						
* 3 Digit Sign							
M1-4M MN Design	Combined M1-4b and M1-4a		Green on White	CR-SL, ML	24 x 24	35348	
					30 x 24*	51330	
				E, F	36 x 36	35349	
					45 x 36*	51358	
				* 3 Digit Sign			
	Overlay for Guide Sign Use			White on Green	M	18 x 18	57787
						22.5 x 18*	57788
					CR-SL, ML	24 x 24	35350
						30 x 24*	35351
					E, F	36 x 36	35352
45 x 36*	35353						
* 3 Digit Sign							
M1-5M MN Design	Combined M1-5a and M1-5b		White and Gold on Blue	M	18 x 18	57977	
					22.5 x 18*	32459	
				CR-SL, ML	24 x 24	31523	
					30 x 24*	51359	
				E, F	36 x 36	31254	
					45 x 36*	51360	
* 3 Digit Sign							

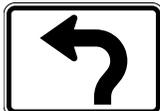
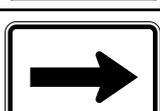
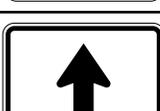
M Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
M1-5Ma MN Design	M1-5ab		White on Green	M	18 x 18	57789
				CR-SL, ML	22.5 x 18*	57804
					24 x 24	51361
					30 x 24*	51486
				E, F	36 x 36	51487
					45 x 36*	51488
* 3 Digit Sign						
M1-6M MN Design	Combined M1-6 and M1-6a		White and Yellow on Blue	M	18 x 18	55621
				CR-SL, ML	24 x 24	31272
					E, F	36 x 36
M1-9M MN Design	M1-9x		White and Blue on Green	B-P, B/RT	12 x 18	55947
				CR-SL, ML, E	18 x 24	55948
M1-10			White on Blue	F	36 x 36	51066
M1-X4 MN Design	Combined with M1-X4a		Black on White	M	18 x 18	54462
				CR-SL, ML	24 x 24	54463
					E, F	36 x 36
M1-X5 MN Design	M1-X3		Black on White	M	18 x 18	33951
				CR-SL, ML	24 x 24	33952
					E, F	36 x 36
M2-1 MN Design	Combined with M2-1a		Black on White, White on Blue, or White on Green	CR-SL, ML	21 x 15	54779
				E, F, O	30 x 21	54941
M3-1	Combined with M3-1a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	54786
				E, F, O	36 x 18	54909
M3-2	Combined with M3-2a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	54790
				E, F, O	36 x 18	54911
M3-3	Combined with M3-3a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	55057
				E, F, O	36 x 18	55277
M3-4	Combined with M3-4a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	55059
				E, F, O	36 x 18	55278
M4-1a MN Design			Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	31860
				E, F, O	36 x 18	51070

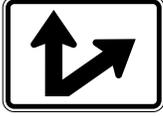
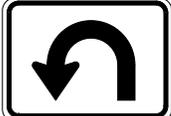
M Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
M4-3 MN Design			Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	31861	
				E, F, O	36 x 18	51072	
M4-4 MN Design			Black on White	CR-SL, ML	24 x 12	31862	
				E, F, O	36 x 18	51212	
M4-5 MN Design	Combined with M4-5a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	55624	
				E, F, O	36 x 18	55625	
M4-6 MN Design	Combined with M4-6a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	55224	
				E, F, O	36 x 18	55173	
M4-7 MN Design			Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	55175	
				E, F, O	36 x 18	55174	
M4-8			Black on Orange	CR-SL, ML	24 x 12	24966	
				E, F, O	36 x 18	33965	
M4-8a			Black on Orange	CR-SL, ML	24 x 18	31863	
				E, F, O	36 X 24	57806	
M4-9M (R, L, ATR, ATL, R45, L45, R90, L90) MN Design Right is shown	M4-9m		Black on Orange	CR-SL, ML	30 x 24	51387 (L)	51385 (R)
						51089 (ATL)	51087 (ATR)
						51391 (L45)	51389 (R45)
						51076 (L90)	51197 (R90)
				E, F, O	42 x 36	51388 (L)	81396 (R)
						51196 (ATL)	51088 (ATR)
						51086 (L45)	51390 (R45)
						51077 (L90)	51198 (R90)
M4-9aM (R, L, or T) MN Design Right is shown	M4-9ma		Black on Orange	B-P	18 x 12	57962 (L)	57963 (R)
						57964 (T)	
				CR-SL, ML	30 x 24	34526 (L)	34525 (R)
						34527 (T)	
M4-9bM (R, L or T) MN Design Right is shown	M4-9mb		Black on Orange	B-P	18 x 12	58112 (L)	58113 (R)
						58106 (T)	
				CR-SL, ML	30 x 24	34529 (L)	34528 (R)
						34530 (T)	
M4-9cM (R, L or T) MN Design Right is shown	M4-9mc		Black on Orange	B-P	18 x 12	57965 (L)	57957 (R)
						57958 (T)	
				CR-SL, ML	30 x 24	34532 (L)	34531 (R)
						34533 (T)	
M4-10 (R or L) Right is shown			Black on Orange	CR-SL, ML	48 x 18	50009 (L)	50008 (R)

M Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
M4-14	Combined with M4-14a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	51078	
				E, F, O	36 x 18	51079	
M4-X1 MN Design	Combined with M4-X1a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 12	33977	
				E, F, O	36 x 18	51082	
M4-X2 MN Design			Black on Yellow	CR-SL, ML	24 x 12	57807	
				E, F, O	36 x 18	57808	
M5-1 (R or L) Right is shown	Combined with M5-1a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56951 (L)	56950 (R)
				CR-SL, ML	21 x 15	31529 (L)	31986 (R)
				E, F	30 x 21	57982 (L)	57981 (R)
M5-2 (R or L) Right is shown	Combined with M5-2a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56952 (L)	56956 (R)
				CR-SL, ML	21 x 15	32091 (L)	32080 (R)
				E, F	30 x 21	57984 (L)	57983 (R)
M5-3	Combined with M5-3a		Black on White, White on Blue, or White on Green	CR-SL, ML	21 x 15	50915	
				E, F	30 x 21	58107	
M5-4	Combined with M5-4a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 18	54957	
				E, F, O	36 x 24	54996	
M5-5	Combined with M5-5a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 18	54999	
				E, F, O	36 x 24	55000	
M5-6	Combined with M5-6a		Black on White, White on Blue, or White on Green	CR-SL, ML	24 x 18	55484	
				E, F, O	36 x 24	55485	
M6-1	Combined with M6-1a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56049	
				CR-SL, ML	21 x 15	30871	
				E, F, O	30 x 21	57989	
M6-2 (R or L) Right is shown	Combined with M6-2a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56050 (L)	56051 (R)
				CR-SL, ML	21 x 15	31500 (L)	31501 (R)
				E, F, O	30 x 21	57992 (L)	57991 (R)
M6-3	Combined with M6-3a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	31271	
				CR-SL, ML	21 x 15	55274	
				E, F, O	30 x 21	31193	
M6-4	Combined with M6-4a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56042	
				CR-SL, ML	21 x 15	31189	
				E, F, O	30 x 21	55515	
M6-5 (R or L) Right is shown	Combined with M6-5a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56043 (L)	56044 (R)
				CR-SL, ML	21 x 15	31866 (L)	31867 (R)
				E, F, O	30 x 21	57996 (L)	57995 (R)

M Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
M6-6 (R or L) Right is shown	Combined with M6-6a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56045 (L)	56046 (R)
				CR-SL, ML	21 x 15	31983 (L)	31984 (R)
				E, F, O	30 x 21	57997 (L)	58000 (R)
M6-7 (R or L) Right is shown	Combined with M6-7a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	56047 (L)	56048 (R)
				CR-SL, ML	21 x 15	32087 (L)	32088 (R)
				E, F, O	30 x 21	58001 (L)	58002 (R)
M6-X2 MN Design	Combined with M6-X2a		Black on White, White on Blue, or White on Green	B-P, B/RT	12 x 9	55951	
				CR-SL, ML	21 x 15	55952	
				E, F, O	30 x 21	55953	

M Series

Scenic Byways

MN Designs - All signs are 24 x 24 unless otherwise noted.

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X100		 <p>Minnesota River Valley Scenic Byway</p>	287 miles between Browns Valley and Belle Plaine along the Minnesota River	http://www.mnrivervalley.com/	
M1-X101		 <p>Otter Trail Scenic Byway</p>	150 mile loop in Otter Tail County in west central Minnesota	http://96bda424cfcc34d9dd1a-0a7f10f87519dba22d2dbc6233a731e5.r41.cf2.rackcdn.com/visitfergusfalls/ScenicBywayMap_2013_Low_res.pdf	
M1-X102		 <p>Edge of the Wilderness Scenic Byway</p>	47 miles along MN 38 between Grand Rapids and Effie in northern Minnesota	https://www.fhwa.dot.gov/byways/byways/2455	
M1-X103	M1-X5F	 <p>Veterans' Evergreen Memorial Drive</p>	50 miles along MN 23 between Banning State Park near Askov and Duluth	https://www.go-minnesota.com/Veterans-Evergreen-Memorial-Drive/	161.14, Subd. 6
M1-X104		 <p>Lake Country Scenic Byway</p>	88 miles: 67 miles along MN 34 from Detroit Lakes to Walker and 21 miles along US 71 from Park Rapids to Itasca State Park	http://www.lakecountryscenicbyway.com/	
M1-X105		 <p>North Shore Scenic Drive</p>	142 miles along MN 61 between Duluth and Grand Portage along the north shore of Lake Superior	https://www.fs.usda.gov/recarea/superior/recarea/?recid=75003	
M1-X106		 <p>Paul Bunyan Scenic Byway</p>	54 miles in northern Minnesota - TH 2 from Cass Lake to Bemidji.	http://www.paulbunyan.com/	161.14, Subd. 25

M Series

Scenic Byways

MN Designs - All signs are 24 x 24 unless otherwise noted.

[Minnesota Statute 161.14](#)

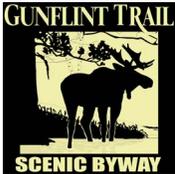
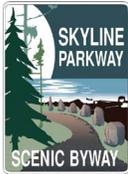
Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X107		 <p>Historic Bluff Country Scenic Byway</p>	88 miles along MN 16 between LaCrescent and Dexter and a loop on US 52 and MN 80 between Wykoff and Fountain	https://www.bluffcountry.com/Byways/Historic-Bluff-Country-National-Scenic-Byway	
M1-X108		 <p>Superior National Forest Scenic Byway</p>	61 miles along county roads between Silver Bay and Hoyt Lakes and Aurora	https://www.fs.usda.gov/recarea/superior/recarea/?recid=75004	
M1-X109		 <p>Waters of the Dancing Sky Scenic Byway</p>	229 miles across the top of Minnesota between International Falls and the North Dakota border mostly on MN 11	http://watersofdancingsky.com/	
M1-X110	M1-X50	 <p>Hiawatha - Apple Blossom Scenic Drive</p>	17 miles on MN 29 along the Mississippi River from LaCrescent north to US 61	https://scenicbyways.info/byway/2238.html	161.14, Subd. 17
M1-X111		 <p>Shooting Star Scenic Drive</p>	31 miles on MN 56 from just above the Iowa state line to the junction with I-90 in Nicolville	http://www.shootingstartrail.org/	
M1-X112		 <p>St. Croix Scenic Byway</p>	124 miles along the St. Croix River and along US 61 between Point Douglas and Askov	http://stcroixscenicbyway.org/	
M1-X113		 <p>National Forest Avenue of Pines</p>	46 miles along MN 46 between Deer River and Northome cutting diagonally across the Chippewa National Forest	https://www.fs.usda.gov/recarea/chippewa/recreation/recarea/?recid=26758&actid=105	

M Series

Scenic Byways

MN Designs - All signs are 24 x 24 unless otherwise noted.

[Minnesota Statute 161.14](#)

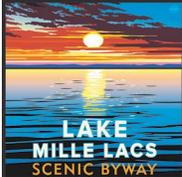
Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X114	M1-X1	 <p>Great River Road National Scenic Byway</p>	<p>565 miles of state and local roads. It features six unique destination areas that highlight the river landscapes and tells the river's stories of place and people through 20 counties, 43 cities and three tribal communities.</p> <p>Sign sizes: B-P 18 x 18 CR-SL, ML 24 x 24 E, F 36 x 36</p>	<p>https://www.dot.state.mn.us/scenicbyways/great-river-road.html</p>	<p>161.142 161.148 373.27</p>
M1-X114P	M1-X1P	 <p>National Route Plaque</p>	<p>Use with M1-X114 above</p> <p>Sign sizes: B-P 18 x 9 CR-SL, ML 24 x 12 E, F 36 x 18</p>		
M1-X115		 <p>Gunflint Trail Scenic Byway</p>	<p>55 miles of a remote wilderness road through the Superior National Forest between Grand Marais and the Chik-Wauk Museum</p>	<p>https://www.superiorbyways.com/routes/gunflint-trail-scenic-byway</p>	
M1-X116	M1-X5rr	 <p>Historic Highway 75 King of Trails</p>	<p>The King of Trails crosses the entire United States, beginning in Winnipeg, Manitoba, Canada and ending at the Gulf of Mexico in Galveston, Texas. In Minnesota it runs 414 miles along Highway 75 near the western border running the entire length of the state.</p>	<p>http://www.highway75.com/</p>	<p>161.14 Subd. 50</p>
M1-X117		 <p>Lady Slipper Scenic Byway</p>	<p>28 miles following CR 39 between Blackduck and Cass Lake</p>	<p>http://www.ladyslipperscenicbyway.org/</p>	
M1-X118		 <p>Skyline Parkway Scenic Byway</p>	<p>19.6 miles from the junction of US 61 and N. 60th Ave to the junction of W. Skyline Pkwy and S. Boundary Ave in Duluth</p>	<p>https://duluthmn.gov/parks/parks-listing/skyline-parkway/</p>	
M1-X119	M1-X5k	 <p>Glacial Ridge Trail</p>	<p>220 mile route through lakes, woods, and farmlands in central Minnesota</p>	<p>http://www.glacialridgebyway.com/</p>	<p>161.14 Subd. 15</p>

M Series

Scenic Byways

MN Designs - All signs are 24 x 24 unless otherwise noted.

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X120		 <p>Grand Rounds Scenic Byway</p>	7 segments in Minneapolis totaling 102 miles (51 miles walking, 51 miles biking) along 12 parkways	https://www.minneapolisparcs.org/parks_destinations/trails_parkways/grand_rounds_scenic_byway_system/	
M1-X121		 <p>Lake Mille Lacs Scenic Byway</p>	68 mile loop around Lake Mille Lacs	https://millelacs.com/scenic-byway/	

M Series

Trails and Miscellaneous Routes					
MN Designs - All signs are 24 x 24 unless otherwise noted.					
Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X200	M1-X529	 Prairie Passage Route	From the Wallace C. Dayton Conservation and Wildlife Area in Caribou Township, south to Blue Mounds State Park, and east along I-90 to the Shooting Star Wildflower Route and Scenic Byway.	http://www.mnps.org/minnesota_plant_press_files/22_2_Winter_2003.pdf	
M1-X201	M1-X533	 Minnesota's Pine to Prairie Birding Trail	Over 200 miles of trails between Fergus Falls and Warroad	https://visitfergusfalls.com/pine-to-prairie-birding-trail	
M1-X202	M1-X32	 Lake Superior Circle Tour	1300 mile route around Lake Superior	https://lakesuperiorcircuitour.com/	
M1-X203	M1-X534	 Natural Preservation Route	A "Natural preservation route" means an existing or proposed roadway that has been designated as a natural preservation route in accordance with Minnesota Statutes, Section 162.021 - that possesses sensitive or unique scenic, environmental, pastoral, or historical characteristics.	https://www.revisor.mn.gov/rules/8820.4010/	
M1-X204	M1-X531	 Superior Hiking Trail	Over 310 miles above Lake Superior from Duluth to the Canadian Border.	https://superiorhiking.org/	
M1-X205	M1-X2	 Hiawatha Pioneer Trail	Begins at TH 61 at the Minnesota/Wisconsin border then follows many trunk highways to the Minnesota/Iowa border..	http://www.deadpioneer.com/routes/US61/historicus61se/wabasha2lane/wabasha2lane.htm	161.14, Subd. 12
M1-X206	M1-X5g	 Yellowstone Trail	TH 212 from the Wisconsin state line to the South Dakota state line. The Yellowstone Trail was the first transcontinental automobile highway through the upper tier of states established in 1912.	https://www.waconia.org/441/Yellowstone-Trail	161.14, Subd. 9

M Series

Trails and Miscellaneous Routes					
MN Designs - All signs are 24 x 24 unless otherwise noted.					
Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X207	M1-X5h	 Sioux Trail	The Sioux Trail starts at the Mendota Bridge and roughly follows the Minnesota River to Ortonville.	https://www.johnweeks.com/highway/mnnamedhighways/index.html	161.14, Subd. 10
M1-X208	M1-X5m	 Viking Trail	The Viking Trail covers county, state, and US highways between the Minnesota and North Dakota border just north of Fargo to Sauk Center.	https://www.johnweeks.com/highway/mnnamedhighways/index.html	161.14, Subd. 19
M1-X209	M1-X5p	 Voyageurs Highway	The Voyageurs Highway is the route from Lake Superior along inland waterways to the Minnesota North Country.	http://www.mnhs.org/mnhspress/books/voyageurs-highway	161.14, Subd. 18
M1-X210	M1-X5s	 Moberg Trail	MN 8 within Chisago County	https://www.chisagocounty.us/481/Swedish-Immigrant-Regional-Trail	161.14, Subd. 24
			Sign size: 18 x 24		
M1-X211	M1-X5dd	 Amish Buggy Byway	MN 52 from Preston to Prosper in Fillmore County	https://www.bluffcountry.com/Byways/Amish-Buggy-Byway	161.14, Subd. 35
M1-X212	M1-X5mw	 Moms Way	A series of highways in Ontario, Manitoba and Minnesota.	https://en.wikipedia.org/wiki/MOM%27s_Way	
M1-X213	M1-X5oo	 34th Infantry Red Bull Division Highway	I-35	https://en.wikipedia.org/wiki/34th_Infantry_Division_(United_States)	161.14, Subd. 46
M1-X214	M1-X5yy	 Purple Heart Trail	I-94	http://purpleheartmn.org/purple-heart-trail-program/	161.14, Subd. 57

M Series

Trails and Miscellaneous Routes					
MN Designs - All signs are 24 x 24 unless otherwise noted.					
Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Description	Website	Statute
M1-X215	M1-X514		US 14 from Winona to New Ulm. This is part of the trail that runs from Chicago, IL to Yellowstone National Park in Wyoming.	https://www.fhwa.dot.gov/infrastructure/us14.cfm	161.14. Subd. 70
		Black & Yellow Trail	Sign Size: 24 x 36		
M1-X216	M1-X5a		A route beginning in Anoka County and ending at the Iowa state line.		161.14. Subd. 1
M1-X217	M1-X5t		Most of TH 371 between Little Falls and Cass Lake.	https://en.wikipedia.org/wiki/Minnesota_State_Highway_371	161.14. Subd. 25
M1-X218	M1-X5pp		The bridge over railroad tracks on TH 55 three miles west of Kimball.	https://www.sctimes.com/story/news/asksctimes/2014/09/09/sign-recognizes-old-st-annes-pass/15334267/	161.14. Subd. 48
M1-X219	M1-X510		The bridge that is the crossing point for MN 23 over the Mississippi River in St. Cloud.	https://www.sctimes.com/story/life/2014/10/30/looking-back-granite-city-crossing-opened-years-ago/18208455/	161.14. Subd. 68
M1-X220			The bridge that spans a section of Long Meadow Lake in Bloomington and the Minnesota Valley National Wildlife Refuge.	http://www.startribune.com/old-cedar-avenue-bridge-reopens-after-14-years/397030801/	161.14. Subd. 77
M1-X221	M1-X56		TH 200 in Norman County from the Mahnom County Line to TH 75.		161.14. Subd. 66

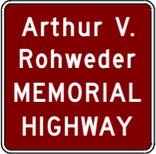
M Series

Memorial Signs					
Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X300	M1-X5b		24 x 24	Colvill Memorial Highway TH 19 from Red Wing to Gaylord 161.14, Subd. 2	<p><i>William J. Colvill, Jr. (April 5, 1830 – June 12, 1905) was an American Union colonel in the American Civil War who led the 1st Minnesota Volunteer Infantry in the Battle of Gettysburg. He was Minnesota Attorney General from 1866 to 1868 and he also served in the Minnesota House of Representatives. The stretch of Highway 19 between Red Wing and Gaylord was established as the Colvill Memorial Highway in 1931, and is still known by that name today.</i></p> <p>Source: Wikipedia contributors. (2018, November 3). William J. Colvill. In Wikipedia, The Free Encyclopedia. Retrieved 18:09, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=William_J._Colvill&oldid=867131325</p>
				Floyd B. Olson Memorial Highway TH 55 161.14, Subd. 3	
M1-X301	M1-X5c		24 x 24	Theodore Christianson Memorial Drive A route from Appleton to Minneapolis 161.14, Subd. 4	<p><i>Theodore Christianson (September 12, 1883 – December 9, 1948) was an American politician who served as the 21st Governor of Minnesota from January 6, 1925, until January 6, 1931.</i></p> <p><i>"More Ted, Less Taxes" was the campaign promise of Theodore Christianson when he ran for governor in 1924. "Tightwad Ted," as he was affectionately dubbed, kept his word. During his administration, he limited taxes and cut expenditures at every level of state government. Voters—in a conservative mood after the turmoil of World War I—expressed their approval of his cautious fiscal policy and his disdain for socialism by re-electing him twice.</i></p> <p>Source: Wikipedia contributors. (2018, October 17). Theodore Christianson. In Wikipedia, The Free Encyclopedia. Retrieved 18:24, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Theodore_Christianson&oldid=864519819</p>
				P. H. McGarry Memorial Drive TH 371 in Cass County to Walker 161.14, Subd. 5	
M1-X302	M1-X5d		24 x 24	P. H. McGarry Memorial Drive TH 371 in Cass County to Walker 161.14, Subd. 5	<p><i>McGarry served in the Minnesota House from 1909-10 and 1913-14. He served in the Senate from 1915-1922. He settled in Minnesota in 1888.</i></p> <p><i>In 1909 he was elected to the state Legislature and began making his dreams come true. Up and down the state he went preaching his doctrine of good roads, and finally introduced an amendment to the State Constitution which would make a state highway system of the county roads. He headed an organization of good roads boosters and finally, by an overwhelming vote the citizens attached the amendment to the constitution, and the work of pulling Minnesota out of the mud began.</i></p> <p>Sources: 1. Minnesota Legislative Reference Library: https://www.leg.state.mn.us/legdb/fulldetail?ID=13778 2. McGarry, W. (1937, 01). Interview about Patrick Henry McGarry, Crow Wing County, Minnesota. http://cdm16022.contentdm.oclc.org/cdm/ref/collection/cwc/id/2380</p>
M1-X303	M1-X5e		24 x 24	Theodore Christianson Memorial Drive A route from Appleton to Minneapolis 161.14, Subd. 4	<p><i>Theodore Christianson (September 12, 1883 – December 9, 1948) was an American politician who served as the 21st Governor of Minnesota from January 6, 1925, until January 6, 1931.</i></p> <p><i>"More Ted, Less Taxes" was the campaign promise of Theodore Christianson when he ran for governor in 1924. "Tightwad Ted," as he was affectionately dubbed, kept his word. During his administration, he limited taxes and cut expenditures at every level of state government. Voters—in a conservative mood after the turmoil of World War I—expressed their approval of his cautious fiscal policy and his disdain for socialism by re-electing him twice.</i></p> <p>Source: Wikipedia contributors. (2018, October 17). Theodore Christianson. In Wikipedia, The Free Encyclopedia. Retrieved 18:24, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Theodore_Christianson&oldid=864519819</p>

M Series

Memorial Signs

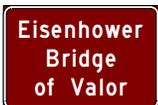
[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X304	M1-X5j		24 x 24	<p>Arthur V. Rohweder Memorial Highway TH 61 from Lester Park in Duluth to Two Harbors</p> <p><i>So designated by the Minnesota State Legislature and enacted into State Law, April 20, 1961.</i></p> <p><i>In recognition of the eminent leadership and outstanding contributions of Arthur V. Rohweder to the achievement by Minnesota of notable success and national prominence in all areas of accident prevention work.</i></p> <p><i>Serving as Superintendent of Safety and Welfare for the Duluth, Missabe and Iron Range Railway Company for forty-two years; as one of the founders, and President of the Minnesota Safety Council for twenty-five years; as First National President of the Veterans of Safety in 1941; as Vice-President and member of the Board of Directors of the National Safety Council for twenty-five years; and as Safety Consultant to eight Governors of Minnesota, Arthur V. Rohweder was dedicated to the cause of saving lives and eliminating sorrow and suffering attendant upon all types of accidents, and he worked unselfishly and tirelessly toward that end.</i></p> <p>Source: Arthur V. Rohweder Memorial Highway (2009, August 14). Retrieved from http://www.waymarking.com/waymarks/WM70NQ_Arthur_V_Rohweder_Memorial_Highway</p>	161.14, Subd. 11
M1-X305			24 x 24	<p>Blue Star Memorial Highway Trunk Highway Routes Numbered 390, 392, 394, and 395</p> <p><i>The Blue Star Memorial Program honors all men and women that serve in the United States Armed Services. This program began with the planting of 8,000 Dogwood trees by the New Jersey Council of Garden Clubs in 1944 as a living memorial to veterans of World War II. In 1945, the National Council of State Garden Clubs adopted this program and began a Blue Star Highway system that covers thousands of miles across the Continental United States, Alaska and Hawaii. A large metal Blue Star Memorial Highway Marker was placed at appropriate locations along the way.</i></p> <p><i>In the State of Minnesota Interstate 35 and Interstate 94 have been designated as Blue Star Highways. This is a total of 503 miles; 248 miles on I-35 and 255 miles on I-94.</i></p> <p>Source: Oeltjenbruns, C., <i>Mn Blue Star Markers</i>, Federated Garden Clubs of Minnesota, Inc. Retrieved from http://mngardenclubs.com/MN_Blue_Star_Markers.php</p>	161.14, Subd. 13
M1-X306	M1-X5I		24 x 24	<p>John A. Johnson Memorial Highway TH 5 from St. Paul to I-494 and TH 169 from I-494 to St. Peter</p> <p><i>John Albert Johnson (July 28, 1861-September 21, 1909) was Minnesota's first governor born in the state, its first governor to serve a full term in the current State Capitol, and its first governor to die in office, making him one of the state's most notable leaders. He also was the first Minnesota governor to bask, albeit fleetingly, in the national spotlight when he sought the 1908 Democratic presidential nomination but lost to William Jennings Bryan.</i></p> <p><i>Known as a courageous and charismatic leader, Johnson was elected the sixteenth governor of Minnesota in 1904. He was reelected in 1906 and 1908, serving as governor from January 4, 1905, to September 21, 1909.</i></p> <p>Source: Minnesota Historical Society. <i>Johnson, John Albert (1861-1909)</i>. MNopedia, Minnesota Historical Society. http://www.mnopedia.org/person/johnson-john-albert-1861-1909 (accessed November 27, 2018).</p>	161.14, Subd. 14

M Series

Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X307			54 x 36	<p>Eisenhower Bridge of Valor The bridge over the Mississippi River in Red Wing</p> <p><i>The United States Congress approved the first bridge in Red Wing in 1872. However, there was no funding included in its approval. Red Wing citizens took up this task and approved funding for the bridge through bonds in 1893. The new Red Wing High Bridge opened two years later and collected tolls to repay the bond debt.</i></p> <p><i>The High Bridge was in need of replacement after half a century of service. The new bridge was originally called the Interstate Bridge, but it was renamed the Hiawatha Bridge before its completion. President Dwight D. Eisenhower gave the dedication speech for the new bridge in October of 1960. Red Wing's citizens later renamed the bridge in Eisenhower's honor. The Eisenhower Bridge opened to traffic in November 1960.</i></p> <p><i>The Eisenhower Bridge in the City of Red Wing provides the only regional Mississippi River crossing for approximately 30 miles upstream and downstream for communities on either side of the river.</i></p> <p>The bridge was renamed <i>Eisenhower Bridge of Valor</i> in 2019 in honor of Vietnam veterans.</p> <p>Source: Minnesota Department of Transportation (2017, October 16). <i>Red Wing Bridge Project</i>. Retrieved from https://www.dot.state.mn.us/d6/projects/redwing-bridge/pdfs/faq.pdf Source:</p>	161.14, Subd. 16
M1-X308	M1-X5uu		24 x 24	<p>Veterans Memorial Bridge The bridge over the Minnesota River between Mankato and North Mankato</p> <p><i>The first bridge between North Mankato and Mankato was the Veterans Memorial Bridge constructed in 1880. The bridge represented an interdependence and partnership between the cities that still continues.</i></p> <p>Source: visitgreatermankato.com. Retrieved from https://www.visitgreatermankato.com/mankato/explore/history</p>	161.14, Subd. 20
				<p>Veterans Memorial Bridge The bridge on TH 10 connecting the city of Moorhead with the City of Fargo, North Dakota</p> <p><i>Spanning the Red River connecting Fargo with Moorhead, Minnesota, the Veterans Memorial Bridge commemorates the men and women who have served in the United States military. It consists of ten columns that have emblems representing the different branches of the military (Army, Navy, Marines, and Air Force) and the following veterans organizations: Vietnam Veterans, Disabled Veterans, AMVETS, the American Legion, and the Veterans of Foreign Wars.</i></p> <p>Source: theclio.com. Retrieved from https://www.theclio.com/web/entry?id=28756</p>	161.14, Subd. 52
				<p>Veterans Memorial Bridge The bridge on TH 95 over I-35 in North Branch</p>	161.14, Subd. 65
M1-X309	M1-X5n		24 x 24	<p>George Mann Memorial Highway TH 60 from Mankato to Brewster</p> <p><i>George L. "Geo" Mann (March 26, 1918 – June 4, 1984) was a Minnesota politician and a member of the Minnesota House of Representatives from southwestern Minnesota.</i></p> <p><i>Mann and his wife, Alice, were lifelong grain farmers just outside the town of Windom. After his death, the Minnesota Legislature and Governor Rudy Perpich named Minnesota Highway 60 from Mankato to Brewster the "George Mann Memorial Highway" in his honor.</i></p> <p>Source: Wikipedia contributors. (2017, May 31). George Mann (Minnesota politician). In Wikipedia, The Free Encyclopedia. Retrieved 19:38, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=George_Mann_(Minnesota_politician)&oldid=783213719</p>	161.14, Subd. 21

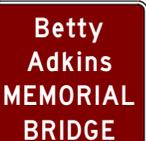
M Series

Memorial Signs Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X310	M1-X5q		24 x 24	Olof Hanson Drive Route 21 in Faribault to the Minnesota State Academy for the Deaf	161.14, Subd. 22
				<i>Olof Hanson (September 10, 1862 - September 8, 1933) is believed to be America's first deaf architect, and a far-thinking leader who in the early 20th century was a champion for many of the same civil rights for deaf people that activists continue to fight for today.</i> <i>Hanson established his own architectural practice in Faribault in 1894, where he designed 54 homes, businesses, churches, and schools, including the North Dakota, Mississippi, and Illinois schools for the deaf, and Dawes House at Gallaudet.</i> Source: Visionary Leader - April 2014 Olof Hanson. Retrieved from https://www.gallaudet.edu/about/history-and-traditions/olof-hanson	
M1-X311	M1-X5r		24 x 24	American Veterans Memorial Highway I-90 across Minnesota	161.14, Subd. 23
				<i>American Veterans, (AMVETS) is a non-partisan, volunteer-led organization formed by World War II veterans of the United States military. It advocates for its members as well as for causes that its members deem helpful to the nation at large.</i> Source: Wikipedia contributors. (2018, September 28). AMVETS. In Wikipedia, The Free Encyclopedia. Retrieved 19:49, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=AMVETS&oldid=861551121	
M1-X312	M1-X5u		24 x 24	Disabled American Veterans Highway and Rest Area TH 61 from St. Paul to the Wisconsin state line	161.14, Subd. 26
				<i>A membership organization made up exclusively of Minnesota men and women disabled in our nation's defense, our mission is to fulfill our promises to the men and women who served.</i> Source: DAV of Minnesota. Retrieved from https://davn.org/	
M1-X313	M1-X5v		24 x 24	B. E. Grottum Memorial Highway Highway 71 in Jackson	161.14, Subd. 27
				<i>Bjarne Elgar Grottum (August 9, 1893 - October 4, 1987) was an American attorney who served as state senator for Minnesota's 10th district serving Cottonwood and Jackson counties. Grottum was born in Minneapolis, Minnesota and raised on a farm in Jackson, Minnesota. He served in the U.S. Army during World War I. In 1920, he graduated from the University of Minnesota Law School.</i> <i>He served in the senate from 1947 - 1954 as a member of the Minnesota Democratic-Farmer-Labor Party. In addition to his work in the senate, he served as County Attorney for Jackson County for 12 years and served on the Board of Regents at the University of Minnesota (1961-1967). He died in Mesa, Arizona and was buried in the Delafield Cemetery in Jackson County, Minnesota.</i> Source: Wikipedia contributors. (2018, September 24). Bjarne Elgar Grottum. In Wikipedia, The Free Encyclopedia. Retrieved 19:53, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Bjarne_Elgar_Grottum&oldid=861047895	
M1-X314	M1-X5w		24 x 24	Wally Nelson Highway TH 7 from Lamberton to the Southwest Experiment Station of the University of Minnesota	161.14, Subd. 28
				<i>Wallace Floyd Nelson (27 March 1909 – 23 May 2002) was an American civil rights activist and war tax resister. Wally Nelson died at the age of 93 after more than a half-century of war tax resistance and activism. He spent three and a half years in prison as a conscientious objector during World War II, was on the first of the "freedom rides" (then called the "Journey of Reconciliation") enforcing desegregation in 1947 and was the first national field organizer for the Congress of Racial Equality.</i> Source: Wikipedia contributors. (2018, August 13). Wally Nelson. In Wikipedia, The Free Encyclopedia. Retrieved 19:57, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Wally_Nelson&oldid=854694823	

M Series

Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X315	M1-X5x		24 x 24	Laura Ingalls Wilder Historic Highway TH 14 from Minnesota/South Dakota border to CR 22 to US 63 in Rochester then northerly and southerly along US 63.	161.14, Subd. 29
				<i>The Laura Ingalls Wilder Historic Highway is a named road connecting historic areas that relate to the life of author Laura Ingalls Wilder, best known for writing Little House on the Prairie. The highway was first designated in 1995 as U.S. Route 14 from Lake Benton in southwest Minnesota to Mankato in the south-central part of the state. Since then, it has been extended into South Dakota, Iowa, and Wisconsin.</i> Source: Wikipedia contributors. (2018, February 2). Laura Ingalls Wilder Historic Highway. In Wikipedia, The Free Encyclopedia. Retrieved 19:59, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Laura_Ingalls_Wilder_Historic_Highway&oldid=823582651	
M1-X316	M1-X5y		24 x 24	Minnesota Veterans Memorial Highway TH 212	161.14, Subd. 30
				<i>The entire length of U.S. Highway 212 in Minnesota is officially designated the Minnesota Veterans Memorial Highway. U.S. Highway 212 in Minnesota passes through seven counties in the southern part of the state, from the South Dakota state line to the Twin Cities area.</i> Source: Wikipedia contributors. (2018, October 14). U.S. Route 212 in Minnesota. In Wikipedia, The Free Encyclopedia. Retrieved 19:27, December 17, 2018, from https://en.wikipedia.org/w/index.php?title=U.S._Route_212_in_Minnesota&oldid=863942190	
M1-X317	M1-X5aa		24 x 24	Bridge of Hope The bridge over the Mississippi between Sartell and Sauk Rapids, Minnesota	161.14, Subd. 31
				<i>The Bridge of Hope is a concrete girder bridge that spans the Mississippi River between Sartell, Minnesota and Sauk Rapids, Minnesota. It was built in 1995 and was designed by Minnesota Department of Transportation and the Jim Hill Group.</i> <i>The bridge is named in honor of Jacob Wetterling, a boy who was abducted from St. Joseph, Minnesota in 1989. The name was chosen by a group of high school students who wanted to memorialize Wetterling and other missing children.</i> Source: Wikipedia contributors. (2017, November 2). Bridge of Hope. In Wikipedia, The Free Encyclopedia. Retrieved 20:02, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Bridge_of_Hope&oldid=808324017	
M1-X318	M1-X5z		24 x 24	Betty Adkins Bridge The bridge between Otsego and Elk River, Minnesota	161.14, Subd. 32
				<i>Betty Adkins Bridge is a pair of concrete girder bridges spanning the Mississippi River between Otsego, Minnesota and Elk River, Minnesota.</i> <i>The bridge is named for Betty Adkins, a DFL state senator from St. Michael, Minnesota who served 12 years in the Minnesota Legislature. Despite battling cancer and losing her daughter and grandson in a car accident, she was known for her resilient character.</i> Source: Wikipedia contributors. (2018, June 15). Betty Adkins Bridge. In Wikipedia, The Free Encyclopedia. Retrieved 20:06, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Betty_Adkins_Bridge&oldid=846037334	
M1-X319	M1-X5bb		24 x 24	POW-MIA Memorial Highway TH 169 from Elk River to Garrison and TH 18 from Garrison to Brainerd	161.14, Subd. 33
	M1-X5ww			POW-MIA Memorial Highway CR 7 from Anoka to St. Francis	161.14, Subd. 55

M Series

Memorial Signs Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X320	M1-X5cc		24 x 24	Veterans Memorial Highway TH 115 in Little Falls	161.14, Subd. 34
				Veterans Memorial Highway Th 15 from TH 60 to the Iowa border.	161.14, Subd. 38
				Veterans Memorial Highway TH 200 from the border with North Dakota to the city of Mahnomem	161.14, Subd. 66
				Veterans Memorial Highway TH 59 from Karlstad to the border with Canada	161.14, Subd. 69
M1-X321	M1-X5ee		24 x 24	Czech Heritage Highway TH 13 between New Prague and Montgomery	161.14, Subd. 36
M1-X322	M1-X5ff		24 x 24	Victory Drive TH 22 from Mankato to Mapleton	161.14, Subd. 37
				<i>Hwy 22, from Mankato to Hwy 30 in Mapleton, is designated as "Victory Drive" by MN State Statute 161.14. As the law reads signs were purchased by people from the community and installed. Two new Victory Drive signs will be placed, again, at the end of the project.</i> <i>After 1945, the Mankato Garden Club collected donations to plant trees along the Victory Drive corridor as a memorial to honor the Mankato area American soldiers who fought in WWI and WWII. Mapleton area citizens and students have replanted some of the trees in subsequent years.</i> Source: Minnesota Department of Transportation. Hwy 22 Victory Drive Memorial Mapleton to Mankato. Retrieved from https://www.dot.state.mn.us/d7/projects/hwy22mapleton/victorydrive.html	
M1-X323	M1-X5gg		24 x 24	Dale Wayrynen Memorial Highway A segment of TH 210 in Aitkin County	161.14, Subd. 39
				<i>Dale Wayrynen was a member of 101st Airborne, serving in Quang Nai Province in Vietnam on May 18, 1967. During a night operation to rescue men wounded in earlier action, his platoon came into unexpected contact with an enemy force. The lead man of the unit was wounded in initial exchange of fire, Wayrynen who was second in formation jumped past the wounded man, killed an enemy soldier who appeared in front of him dragged the wounded man back to the place where the nearest squad had taken cover. At that moment, a live enemy grenade was thrown into the middle of the tightly grouped U.S. Soldiers. The citation presented later to a family says Wayrynen quickly assessed the danger to the entire squad as well as to his platoon leader who was nearby. He shouted a warning, pushed one soldier out of the way and threw himself on the grenade at the moment it exploded.</i> Source: Veterans Memorial Hall. Dale Eugene Wayrynen. Retrieved from http://www.vets-hall.org/stories/vietnam/dale-eugene-wayrynen	
M1-X324	M1-X5hh		24 x 24	Augie Mueller Memorial Highway TH 5 from TH 101 in Chanhassan to TH 19 in Gaylord	161.14, Subd. 40
				<i>August Benjamin Mueller was born in Arlington Township, Sibley County on June 6, 1905. His father and family had moved to the area in the 1860s. Mueller and his brother, Edmond, operated the family farm where they raised purebred Holstein cattle.</i> <i>In 1941, Mueller was elected to the Minnesota House of Representatives, where he would serve for thirty-four years. He chaired the Transportation Committee in the 1963, 1965, 1967, 1969, and 1971 sessions, and the Dairy Products and Livestock Committee for eight years.</i> Source: Mueller, August Benjamin 1905 - 1996. Papers, 1966 - 1977. SMHC Manuscript Collection 1217, Southern Minnesota Historical Center, Memorial Library, Minnesota State University, Mankato. Retrieved from https://lib.mnsu.edu/archives/fa/smhc/smhc1217.html	

M Series

Memorial Signs Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X325	M1-X5jj		24 x 24	Don Rickers Memorial Highway TH 60 from Brewster to Worthington	161.14, Subd. 41
				<i>Don Rickers was a noted photographer from Worthington. The 6 miles of MN-60 between Brewster and Worthington is named in his honor.</i> Source: Weeks, J. <i>Don Rickers Memorial Highway</i> . Retrieved from https://www.johnweeks.com/highway/mnnamedhighways/index.html	
M1-X326			84 x 12	Ruby L. Hughes Boulevard The north frontage road off Olson Memorial Highway from Logan Avenue North to Morgan Avenue North in Minneapolis	161.14, Subd. 42
				<i>Ruby Hughes founded the La Creche Early Childhood Center just off of Olson Memorial Highway in northwestern Minneapolis. She was killed in a domestic incident. The boulevard is only a single block, and it is marked with a standard street sign.</i> Source: Weeks, J. <i>Ruby L. Hughes Boulevard</i> . Retrieved from https://www.johnweeks.com/highway/mnnamedhighways/index.html	
M1-X327	M1-X5kk		24 x 24	State Trooper Timothy J. Bowe Memorial Highway TH 95 from TH 65 in Cambridge to I-35 near North Branch	161.14, Subd. 43
				<i>Corporal Bowe was shot and killed early in the morning while assisting county deputies respond to a shooting call. He and three deputies parked their cruisers and walked approximately 3/4 of a mile into the secluded house where they spotted a car with the suspect lying across the front seats with his feet hanging out. As they were approaching the vehicle the suspect sat up and began firing, striking Corporal Bowe in the chin from about 35 yards away. He died at about 0200 hours, approximately one hour after the shooting. The three other deputies with him returned fire. An autopsy revealed that the man took his own life. Corporal Bowe had been with the agency for 15 years and was survived by his wife, 6 year old daughter, and 9-month-old son.</i> Source: Corporal Timothy Joseph Bowe. Retrieved from https://www.odmp.org/officer/14930-corporal-timothy-joseph-bowe	
M1-X328	M1-X5ll		24 x 24	Otter Tail Veterans Memorial Drive TH 59 from CR 3 to CR 4 in Otter Tail County	161.14, Subd. 44
				<i>From the Daily Journal, Fergus Falls, Tuesday, August 15, 2000: Last year Veteran Perrie Sheldon wanted to find another way to honor those people in the county who served wars. After months of plotting and planning, the first sign for the Otter Tail County Veterans Memorial Drive was printed Friday. The 86-mile drive starts in Dalton and CR 82, working its way through Fergus Falls and on to Vergas and Perham to the Becker County Line.</i> Source: <i>Memorial highway signs go up honoring veterans</i> (2000, August 15). Retrieved from https://www.fergusfallsjournal.com/2000/08/memorial-highway-signs-go-up-honoring-veterans/	
M1-X329	M1-X5nn		24 x 24	C. Elmer Anderson Memorial Highway TH 371 from Design Drive in Baxter to City of Barrows	161.14, Subd. 45
				<i>Clyde Elmer Anderson (March 16, 1912 – January 22, 1998), more commonly known as C. Elmer Anderson, was an American politician who served as the 28th Governor of Minnesota from September 27, 1951 to January 5, 1955. Anderson also served as the Lieutenant governor of Minnesota on two occasions, from 1939 to 1943 and again from 1945 to 1951.</i> Source: Wikipedia contributors. (2018, October 20). C. Elmer Anderson. In Wikipedia, The Free Encyclopedia. Retrieved 20:19, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=C._Elmer_Anderson&oldid=864989635	

M Series

Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X330	M1-X5mm		24 x 24	Richard J. Mathiowetz Memorial Highway TH 4 from Sleepy Eye to TH 60 in St. James	161.14, Subd. 47
				<p><i>Richard Mathiowetz led the Mathiowetz Construction Company in the 1960s and 1970s helping to construct many miles of Interstate and State highways.</i></p> <p><i>Richard was an icon in the road construction industry. He gave back to the industry through service on the boards of AGC of Minnesota and the Minnesota Transportation Alliance, HCIC, as well as chairing AGC's grading committee for many years. He was a tireless advocate for improvements to Minnesota's highway and transportation systems and was a familiar face around the Capitol, attending meetings, hearings, and educating each new group of freshman legislators on highway funding issues during legislative sessions.</i></p> <p><i>He was so highly regarded by members of the Legislature on both sides of the aisle, that upon his death, the 26-mile section of State Highway 4 between Sleepy Eye and St. James was designated the Richard J Mathiowetz Memorial Highway by a vote of 143-0.</i></p> <p>Source: Mathiowetz Construction History. Retrieved from http://www.mathiowetzconst.com/our-company/history/</p>	
M1-X331	M1-X5qq		24 x 24	State Trooper Theodore "Ted" Foss Memorial Highway I-90 from TH 74 in Winona County to the Wisconsin border	161.14, Subd. 49
				<p><i>Corporal Theodore J. "Ted" Foss, SP 27 served from November 1986 to August 31, 2000. He died in the line of duty August 31, 2000.</i></p> <p><i>Corporal Foss was killed after being hit by a semi while standing outside the squad car on a traffic stop in Winona, Minn. Corporal Foss was survived by his wife, two children aged 2 and 5, mother, brother and five sisters.</i></p> <p><i>The section of roadway where Corporal Foss was struck was renamed the State Trooper Theodore "Ted" Foss Memorial Highway. Shortly thereafter the Minnesota Legislature passed the Ted Foss Move Over Law which requires vehicles to move to the middle or far lane when passing an emergency or construction vehicle stopped on the roadway.</i></p> <p>Source: Fallen Troopers In Remembrance. Retrieved from https://dps.mn.gov/divisions/msp/about/Pages/Troopers-Killed-in-the-Line-of-Duty.aspx</p>	
M1-X332	M1-X5ss		24 x 24	Bradley Waage "Brainerd Brad" Memorial Bridge TH 6 over Lake Roosevelt in Cass County	161.14, Subd. 51
				<p><i>Rep. Frank Moe, DFL-Bemidji, is chief author of the bill that would rename the bridge for longtime Minnesota Department of Transportation engineer Bradley Waage (aka Brainerd Brad). Waage died suddenly after a day of work on the bridge.</i></p> <p><i>"Bradley Waage's family, his friends and his co-workers have taken to calling the bridge 'Brad's bridge' as they travel across it," Moe said. "It was his last project after years of dedicated service to our area. This will allow his loved ones to memorialize his life, dedication and hard work."</i></p> <p>Source: Area Briefs (2005, May 18). Retrieved from http://www.brainerddispatch.com/news/3486967-area-briefs</p>	
M1-X333	M1-X5tt		24 x 24	Purple Heart Memorial Highway TH 371 from US 10 in Little Falls to US 2 in Cass Lake	161.14, Subd. 53
				<p><i>The purpose of the Purple Heart Trail is to create a symbolic and honorary system of roads, highways, bridges, and other monuments that give tribute to the men and women who have been awarded the Purple Heart medal.</i></p> <p><i>The Purple Heart Trail accomplishes this honorary goal by creating a visual reminder to those who use the road system that others have paid a high price for their freedom to travel and live in a free society. Signs placed at various locations annotate those roads and highways where legislation has been passed to designate parts of the national road system as The Purple Heart Trail. The actual format and design of the signs varies from state to state. There are currently designated sections in 45 states as well as Guam.</i></p> <p>Source: Purple Heart Trail Program. Retrieved from http://purpleheartmn.org/purple-heart-trail-program/</p>	

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Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X334	M1-X5vv		24 x 24	Biauswah Bridge TH 23 over the St. Louis River in Duluth	161.14, Subd. 54
				<i>From the Duluth News Tribune, June 29, 2008:</i> A dedication ceremony took place Saturday morning on Biauswah Bridge, which spans the St. Louis River on Minnesota Highway 23. The bridge was named for an Ojibwe chief this spring, and two small signs now stand at the ends of the bridge to let motorists know they are traveling over a bridge dedicated to the memory of American Indian war veterans. "It took a long time to get to this point where we can say this bridge is in memory of all Native American veterans, past, present and future," said Rick Defoe, a member of the Fond du Lac band who helps preserve the tribe's cultural practices. "This is a historic time, and I am honored to be here at this intertribal ceremony." Source: Highway 23 bridge at St. Louis River renamed to honor American Indian Veterans (2008, June 29). Retrieved from http://www.duluthnewtribune.com/news/2374989-highway-23-bridge-st-louis-river-renamed-honor-american-indian-veterans	
M1-X335	M1-X5xx		54 x 60	Shawn Silvera Memorial Highway I-35W from Forest Lake to Lake Drive in Lino Lakes	161.14, Subd. 56
				<i>On September 6, 2005, Officer Shawn Silvera was killed in the line of duty while assisting in a high-speed chase on I-35W. Officer Silvera was struck by the suspects car after deploying stop-sticks. Tragically, he was pronounced dead at the scene of the accident. Shawn made the ultimate sacrifice while serving to protect the citizens of the State of Minnesota. In 2006, the legislature passed a bill to designate a portion of I-35W from the site of the incident north in his honor. Signs have since been installed designating the roadway as "Officer Shawn Silvera Memorial Highway."</i> Source: In Memory Shawn Silvera. Retrieved from www.ci.lino-lakes.mn.us/index.asp?SEC=9AC2ACAB-B36D-44C8-9443-CEC32DF8B9D0&DE=E28F009F-5B95-4AE1-BFE1-2BE822602B1F	
M1-X336	M1-X5zz		24 x 24	Dallas Sams Memorial Highway TH 210 from Motley to Staples	161.14, Subd. 58
				<i>Dallas Sams was a Minnesota State Senator and chairman of the agriculture and environmental committee. He died at age 54 of brain cancer on March 5, 2007. He was known for working with lawmakers of both major political parties. He worked with urban, rural and suburban legislators. He dealt with the conservative right and the liberal left.</i> Source: Lien, D. (2015, November 14). Obituary/Dallas Sams, 54, "beloved senator". Retrieved from https://www.twincities.com/2007/03/05/obituary-dallas-sams-54-beloved-senator/	
M1-X337	M1-X51		24 x 24	Walter F. Mondale Drive TH 53 from Superior St. to Duluth	161.14, Subd. 59
				<i>Walter Mondale is a liberal Democrat, with a long and productive career in Minnesota and national politics. He served as the state attorney general from 1960-1964. When Hubert Humphrey became vice president in 1964, Mondale was appointed to replace him in the U.S. Senate, where he served until 1977.</i> <i>In 1976, Jimmy Carter chose Mondale to be his vice president. In 1984, Mondale ran for president and became the first major-party candidate to choose a female running mate, Geraldine Ferraro. After the Mondale-Ferraro ticket lost to the incumbent Ronald Reagan, Mondale continued to be involved in politics, serving as U.S. ambassador to Japan from 1993 to 1996. He became a senate candidate again in 2002, taking over for Paul Wellstone when Senator Wellstone died in a plane crash. Mondale lost the Senate race to Norm Coleman.</i> Source: Walter Mondale: United States Vice President: Overview. Retrieved from https://libguides.mnhs.org/mondale	

M Series

Memorial Signs Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X338	M1-X52		24 x 24	Jim Oberstar Causeway The causeway over Pokegama Lake on TH 169 in Pine County	161.14, Subd. 60
				<p><i>A Democrat, Mr. Oberstar was the longest-serving House member in Minnesota history, representing the northeastern part of the state. He was first elected to the House in 1974, and became an expert on public works and transportation issues.</i></p> <p><i>Mr. Oberstar was a reliable vote for Democrats on fiscal issues and played a pivotal role as the Transportation Committee chairman in passing the 2009 stimulus act, which increased demand for steel from his district. He also helped enact a long-stalled water resources bill in 2007 over President George W. Bush's veto. After the 2007 collapse of the Interstate 35 bridge in Minneapolis, he wrote legislation authorizing \$255 million to rebuild the bridge; it was quickly passed and signed into law.</i></p> <p>Source: Southall, A. (May 4, 2014) New York Times. <i>James Oberstar, 79, Congressman Ousted in Tea Party Tide, Dies</i>. Retrieved from https://www.nytimes.com/2014/05/05/us/politics/james-l-oberstar-79-minnesota-lawmaker-dies.html</p>	
M1-X339	M1-X53		24 x 24	Mayor William "Bill" Sandberg Memorial Bridge The bridge at Margaret Street over MN 36 in North St. Paul	161.14, Subd. 61
				<p><i>Bill Sandberg, who served as mayor of North St. Paul for 30 years, did the hard work of consensus building when the City Council he led considered the weighty issues before it. Aided by his wit and good humor, he avoided the political acrimony that can be found in government, which supporters say led to his political endurance.</i></p> <p><i>Sandberg, who was elected to the suburban city's highest office eight times, died on Sunday evening at his North St. Paul home of acute myeloid leukemia. Sandberg, a funeral director, was 76.</i></p> <p>Source: Cohen, B. (April 21, 2008). <i>Bill Sandberg, beloved mayor of North St. Paul</i>. Retrieved from http://www.startribune.com/bill-sandberg-beloved-mayor-of-north-st-paul/17991424/</p>	
M1-X340	M1-X54		24 x 24	Clearwater County Veterans Memorial Highway TH 200 from CR 39 to TH 92 and CR 5	161.14, Subd. 62
				<p><i>"In 1999, Otter Tail County veterans designated a drive that ended in Becker County. In 2006-07, the Becker County veterans replicated and continued this road up to the top of Becker County, the bottom of Clearwater County," Sailer said. "In the spring of 2007, three veterans organizations in Clearwater County — the Bagley, Clearbrook and Gonvick American Legions — proposed to continue this highway in Clearwater County."</i></p> <p>Source: Cook, M. (2009, February 13). <i>Clearwater County vets highway</i>. Retrieved from https://www.house.leg.state.mn.us/sessionweekly/art.asp?ls_year=86&issueid_30&storyid=849&year_2009</p>	
M1-X341	M1-X55		24 x 24	Speaker Irvin N. Anderson Memorial Highway TH 53 from Virginia to International Falls	161.14, Subd. 63
				<p><i>Irvin Neil Anderson (June 18, 1923 – November 17, 2008) was a Minnesota politician and member of the Minnesota House of Representatives from 1965 to 1983, and again from 1991 to 2007.</i></p> <p><i>Anderson fought in World War II as a United States Navy pilot from 1942 to 1945, earning the Air Medal for his performance. The Air Medal is awarded to any person who, while serving in any capacity in or with the Armed Forces of the United States, distinguishes themselves by meritorious achievement while participating in aerial flight. He also helped create Minnesota's memorial to World War II veterans.</i></p> <p><i>Anderson died at Mercy Hospital in Coon Rapids on November 17, 2008.</i></p> <p><i>Governor Tim Pawlenty approved a bill designating U.S. Highway 53 from Virginia to International Falls as the Irv Anderson Memorial Highway.</i></p> <p>Source: Wikipedia contributors. (2017, August 5). <i>Irv Anderson</i>. In Wikipedia, The Free Encyclopedia. Retrieved 21:36, November 27, 2018, from https://en.wikipedia.org/w/index.php?title=Irv_Anderson&oldid=794040457</p>	

M Series

Memorial Signs

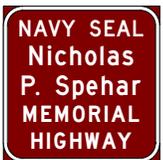
[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X342	M1-X57		48 x 48	Corporal Johnathan Benson Memorial Highway TH 95 from I-35 to North Branch	161.14, Subd. 64
				<p><i>Motorists on Highway 95 in North Branch will now be traveling along the Corporal Johnathan Benson Memorial Highway. Gov. Tim Pawlenty signed a bill Friday that names a stretch of the highway after Benson, a fallen Iraq War veteran from the area. Benson died at age 21 of injuries inflicted during a second tour of duty. He was awarded a purple heart for his service.</i></p> <p>Source: <i>Highway in North Branch renamed for fallen veteran</i> (2015, November 12). Retrieved from https://www.twincities.com/2010/03/27/highway-in-north-branch-renamed-for-fallen-veteran/</p>	
M1-X343	M1-X59		24 x 24	Becker County Veterans Memorial Highway TH 34 from Detroit Lakes to CSAH 39 and TH 87 from CSAH 33 to CSAH 39.	161.14, Subd. 67
				<p><i>For a lot of area veterans, it may be the most important strip of pavement since they traveled Highway 1 in Vietnam. Or maybe the airport road into Baghdad. Or the road to Seoul, or Berlin.</i></p> <p><i>The Becker County Board on Tuesday passed a resolution establishing the Becker County Veterans Memorial Highway.</i></p> <p><i>For those who live on the route, County Road 37 will still be County Road 37. The veterans' designation is purely honorary, and the blue signs with white lettering designating the "Becker County Veterans Memorial Highway" will be placed under existing numbered county road signs, which will remain the primary highway designation.</i></p> <p><i>The signs are intended to honor all veterans, past, present and future.</i></p> <p><i>"The signs will mean something different to everyone who sees them," said Larry Hynding, a veteran who works at the Becker County Highway Department and who helped start the ball rolling on the project in January. "I know there are some guys that didn't make it back that I'll be thinking of when I see one," he said in an interview.</i></p> <p>Source: Bowe, N. (2007, March 28). <i>County Oks "Veterans Memorial Highway"</i>. Retrieved from http://www.dl-online.com/news/529842-county-oks-veterans-memorial-highway</p>	
M1-X344	M1-X513		90 x 36	Arianna Celeste Macnamara Memorial Bridge Pedestrian Bridge over TH 14 in Rochester	161.14, Subd. 71
				<p><i>On June 16, 2006, 7-year-old Arianna Macnamara was on a bike ride with her family. The pedestrian path they were riding on along one side of Highway 14 stopped, forcing riders to continue their trek on the other side of the highway. Drivers in three of the four lanes stopped to let the bikers cross. "Somebody who was not paying attention went through and collided with Arianna Macnamara, who was crossing there," said Rochester City Councilman Michael Wojcik. "She unfortunately passed away shortly thereafter."</i></p> <p><i>Sponsored by Rep. Tina Liebling (DFL-Rochester), HF93 would designate the new pedestrian bridge over Highway 14 the "Arianna Celeste Macnamara Memorial Bridge."</i></p> <p>Source: Cook, M. (2011, February 4). <i>A bridge to honor Arianna</i>. Retrieved from https://www.house.leg.state.mn.us/sessionweekly/art.asp?ls_year=87&issueid_=67&storyid=2184&year_=2011</p>	
M1-X345	M1-X512		54 x 48	Deputy John W. Liebenstein Memorial Highway I-35 in Rice County	161.14, Subd. 72
				<p><i>Deputy John Liebenstein was killed by a vehicle that rammed his patrol car at 90 mph during a pursuit. Deputy Liebenstein was blocking an interstate ramp so the car, which was being driven by a 17-year-old, could not exit the interstate. The juvenile was taken into custody after being treated at a local hospital. He was convicted of first-degree murder and was given a mandatory sentence of life in prison without the possibility of parole.</i></p> <p>Source: <i>Deputy Sheriff John Warren Liebenstein</i> (1996, May 3). Retrieved from https://www.odmp.org/officer/14755-deputy-sheriff-john-warren-liebenstein</p>	

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Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X346	M1-X515		48 x 48	<p>Officer Tom Decker Memorial Highway TH 23 from Wakefield to Richmond</p> <p><i>Today, joined by the family of fallen Cold Spring police officer Tom Decker, Governor Mark Dayton signed a bill designating a segment of Highway 23 in Stearns County to be named "Officer Tom Decker Memorial Highway."</i></p> <p><i>The legislation (SF76/HF146), authored by Rep. Jeff Howe and Sen. Michelle Fischbach, honors the life and memory of Officer Decker by naming an eleven-mile stretch of road after him between Richmond and the eastern border of Wakefield Township.</i></p> <p><i>A six-year veteran of the Cold Spring Police Department, Officer Decker was killed in action on Thursday, November 29, 2012 at the age of 31. Decker was an active member of his community and the Police Department. During his years of service, he received five Letters of Appreciation and one Special Commendation - which is the department's second-highest award involving heroism.</i></p> <p>Source: Segment of Hwy 23 to be Named "Officer Tom Decker Memorial Highway" (2013, April 16). Retrieved from https://www.leg.state.mn.us/docs/2018/other/181224/governor/newsroom/indexfdea.htm</p>	161.14, Subd. 73
M1-X347	M1-X516		60 x 48	<p>Officer Richard Crittenden, Sr., Memorial Highway TH 36 in North St. Paul</p> <p><i>Today, Governor Mark Dayton signed a bill designating a segment of Trunk Highway 36 in North Saint Paul to be named "Officer Richard Crittenden, Sr., Memorial Highway."</i></p> <p><i>The legislation (SF 1892/ HF1979), authored by Representative Leon Lille and Senator Charles W. Wiger, honors the life and memory of Officer Crittenden by naming the segment of Trunk Highway 36 within the city limits of North Saint Paul.</i></p> <p><i>Officer Crittenden served with the North St. Paul Police Department for nine years, and previously served with the Wabasha County Sheriff's Office for four years. He served in Vietnam with the United States Army. Officer Crittenden is the first North St. Paul Police Officer ever to have been killed in the line of duty.</i></p> <p>Source: Segment of Trunk Hwy 36 to be Named "Officer Richard Crittenden, Sr., Memorial Highway" (2014, April 3). Retrieved from https://www.leg.state.mn.us/docs/2018/other/181224/governor/newsroom/index8bcb.htm</p>	161.14, Subd. 74
M1-X348	M1-X517		48 x 48	<p>Nicholas Patrick Spehar Memorial Highway US Highway 8 from Chisago City to Center City</p> <p><i>Today, Governor Mark Dayton signed a bill into law designating a segment of Route No. 46 (U.S. Highway 8), from the southwestern border of Chisago City to the eastern border of Center City, to be named "Nicholas Patrick Spehar Memorial Highway." Navy SEAL Special Operator Second Class Nicholas Patrick Spehar was a lifelong resident of Minnesota, and a 2005 graduate of Chisago Lakes High School. He was killed in action on August 6, 2011, in the Wardak Province of Afghanistan. He was 24 years old.</i></p> <p>Source: Segment of Route No. 46 to be Named "Nicholas Patrick Spehar Memorial Highway" (2014, May 9). Retrieved from https://www.leg.state.mn.us/docs/2018/other/181224/governor/newsroom/index020f.htm</p>	161.14, Subd. 75
M1-X349	M1-X518		48 x 48	<p>Michael Duane Clickner Memorial Bridge TH 50 over the Mississippi River in Wabasha</p> <p><i>DFL Gov. Mark Dayton signed a bill into law this week that officially renamed the Interstate Bridge the "Michael Duane Clickner Memorial Bridge." Clickner was the only Wabasha resident killed in the Vietnam War.</i></p> <p><i>Michael Clickner grew up in Wabasha and graduated from Wabasha High School in 1967. He enlisted in the Army and completed special forces training. In 1969, he was sent to Vietnam and served in Company A, 3rd Battalion, 503rd Infantry. One month before his tour of duty in Vietnam was supposed to wrap up, Clickner was killed when a booby trap was triggered while trying to train in his replacement. He died on April 11, 1970. He was 21.</i></p> <p>Source: Carlson, H. (2014, May 23) Dayton signs bill renaming Wabasha bridge for fallen soldier. Retrieved from https://www.postbulletin.com/news/local/dayton-signs-bill-renaming-wabasha-bridge-for-fallen-soldier/article_0297346e-27c9-598d-b2de-1be99ab7fadb.html</p>	161.14, Subd. 76

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Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X350	M1-X519		48 x 48	Trooper Glen Skalman Memorial Highway US 61 from US 8 in Forest Lake to Wyoming	161.14, Subd. 78
				<p><i>If you are driving between Forest Lake and Wyoming you'll notice signs denoting this section of old highway 61 has been designated a Memorial Highway in Honor of State Patrol Trooper Glen Skalman. The recent dedication event was attended by 143 people and 46 were uniformed officers. Signs memorialize the ultimate sacrifice 50 years ago-- by State Patrol Trooper Skalman who was shot while on duty on the highway in 1964. Skalman had been on the patrol for three years. He pulled over 28-year-old Charles Brown on a routine traffic stop and was struck as Brown fired off five shots from a .22 handgun at close range.</i></p> <p><i>A 1964 Chisago County Press article reported Skalman, age 29, died 10 days later, and published details of a fund being collected to help Skalman's family which included three children, 3, 5 and 8 years old. Two of these children attended the highway dedication last week. A third sibling has died.</i></p> <p>Source: <i>Memorial Highway Dedication</i> (2014, October 16). Retrieved from https://chisagocountypress.com/main.asp?SectionID=70&SubSectionID=261&ArticleID=19808</p>	
M1-X351	M1-X520		48 x 48	Sergeant Joseph Bergeron Memorial Highway TH 36 in Maplewood	161.14, Subd. 79
				<p><i>Today, Governor Mark Dayton signed a bill into law designating Trunk Highway 36 in Maplewood to be named "Sergeant Joseph Bergeron Memorial Highway." Sergeant Bergeron was a veteran officer of the Maplewood Police Department, with 26 years of service. Sergeant Bergeron was shot and killed on May 1, 2010 while responding to a carjacking.</i></p> <p>Source: <i>Highway 36 in Maplewood to be Named "Sergeant Joseph Bergeron Memorial Highway"</i> (2015, May 19). Retrieved from https://www.leg.state.mn.us/docs/2018/other/181224/governor/newsroom/index12fc.htm</p>	
M1-X352	M1-X21		48 x 48	Officer Scott Patrick Memorial Highway TH 149 (Dodd Rd) from I-494 to Smith Avenue in West St. Paul	161.14, Subd. 80
				<p><i>Commemorating fallen Mendota Heights Police Officer Scott Patrick on the one-year anniversary of his death, friends, family, law enforcement, elected officials and community members gathered at 1010 Dodd Road in West St. Paul Thursday afternoon to unveil a new memorial sign.</i></p> <p><i>The sign, which reads "Officer Scott Patrick Memorial Highway," designates a segment of Dodd Road in his honor, running through both Mendota Heights and West St. Paul.</i></p> <p><i>On July 30, 2014, Patrick was fatally shot by Brian George Fitch Sr., 40, after pulling him over near the intersection of Dodd Road and Smith Avenue, during a routine traffic stop. Fitch was found guilty of first-degree murder, among other charges, and is currently serving life in prison without parole.</i></p> <p>Source: Hinrichs, E. (2015, July 31). <i>Memorial signs for Officer Scott Patrick unveiled at site of fatal shooting in West. St. Paul one year later.</i> Retrieved from http://www.lillienews.com/articles/2015/07/31/memorial-signs-officer-scott-patrick-unveiled-site-fatal-shooting-west-st-paul</p>	
M1-X353	M1-X22		60 x 48	Patrol Officer Michael Alan Hogan Memorial Highway TH 7 in McLeod County	161.14, Subd. 81
				<p><i>Legislation designating State Highway 7 in McLeod County as "Patrol Officer Michael Alan Hogan Memorial Highway" has been approved by Gov. Mark Dayton.</i></p> <p><i>The bill commemorating Hogan previously received swift approval in the House and Senate. The approval means signs will be placed beside Highway 7 to tell motorists of Officer Mike Hogan of Hutchinson, who was killed on duty in 1989 when he was shot while responding to a shoplifting complaint. The shooter fled to the metro, and later fled back west on Highway 7.</i></p> <p>Source: <i>Highway 7 will be Hogan Memorial Highway</i> (2016, May 31). Retrieved from https://www.crowrivermedia.com/hutchinsonleader/news/local/highway-will-be-hogan-memorial-highway/article_e2d35385-00e3-598a-ab2a-bccbe7020c2a.html</p>	

M Series

Memorial Signs Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X354	M1-X523		54 x 48	Staff Sergeant Kevin Witte Memorial Highway TH 28 from Beardsley to Graceville	161.14, Subd. 82
				<i>House File 3652 would designate a portion of Highway 28 from Beardsley to Graceville in Big Stone County as the "Staff Sergeant Kevin Witte Memorial Highway." Staff Sergeant Kevin Witte was from Beardsley and died in combat while serving in Iraq in 2006. He was buried at Arlington National Cemetery.</i>	
				Legislative Update (2016, April 8). Retrieved from https://www.house.leg.state.mn.us/members/pressrelease.asp?pressid=20557&party=2&memid=15428	
M1-X355	M1-X524		48 x 48	Medal of Honor Recipient Kenneth L. Olson Highway TH 23 in Paynesville	161.14, Subd. 83
				<i>A portion of Highway 23 in Paynesville will be dedicated in honor of a fallen soldier. The Minnesota senate unanimously passed the bill Monday to rename the Paynesville stretch of highway as the "Medal of Honor recipient Kenneth L. Olson Highway."</i>	
			48 x 12	<i>Olson was a 1963 graduate of Paynesville High School. In 1967, Olson joined the United States Army. Olson was killed while serving in Vietnam in 1968. In 1970, President Richard Nixon awarded Specialist 4th Class Kenneth L. Olson the Medal of Honor.</i>	Source: Gaetke, C (2017, May 15). <i>Portion of Highway 23 in Paynesville Dedicated to Medal of Honor Recipient.</i> Retrived from https://wjon.com/portion-of-highway-23-in-paynesville-dedicated-to-medal-of-honor-recipient/
M1-X356	M1-X525		48 x 48	Corporal Benjamin S. Kopp Bridge Dakota County Highway 46 (Brandel Dr) over US 52 in Coates	161.14, Subd. 84
				<i>Family, friends and the community of Rosemount showed up to celebrate the Corporal Benjamin S. Kopp Memorial Bridge at a dedication ceremony Aug. 9 in Central Park in Rosemount.</i>	
				<i>"The reason we are here is to have an official dedication for the Ben Kopp Memorial Bridge — it the very first bridge in Minnesota that has been memorialized after a fallen soldier," said Jill Stephenson, Kopp's mother. Kopp died July 18, 2009, from wounds he suffered while serving as a U.S. Army Ranger.</i>	<i>While serving as an Army Ranger on duty in Afghanistan, Ben's unit was attacked by a Taliban safe haven. During the fight, Kopp held down the enemy with gunfire, successfully allowing three fellow soldiers to escape from a life-threatening situation.</i>
M1-X357	M1-X526		48 x 42	Chip A. Imker Memorial Highway TH 65 from Isanti to Cambridge Township	161.14, Subd. 85
				<i>On June 27, family members and friends of fallen firefighter Chip Imker gathered together on the side of Highway 65, just north of Grandy, to unveil a memorial sign in his honor.</i>	
				<i>Imker, who died during a training exercise on May 23, 2011, at the age of 35 after being with the Cambridge Fire Department for just 18 months, made quite the impression on the community around him.</i>	<i>It was that impression that led state Rep. Brian Johnson to bring forth legislation that would designate a segment of Highway 65 through Isanti County as the Chip A. Imker Memorial Highway.</i>

M Series

Memorial Signs

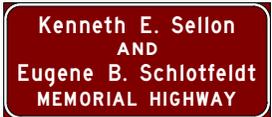
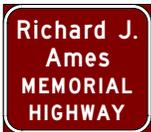
[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X358			48 x 48	Senator Jim Metzen Memorial Highway U.S. Highway 52 located within Dakota County	161.14, Subd. 86
				<p><i>James P. Metzen (October 26, 1943 – July 11, 2016) was an American politician and member of the Minnesota Senate. A member of the Minnesota Democratic–Farmer–Labor Party (DFL), he represented District 52, which included portions of Dakota County in the southeastern Twin Cities metropolitan area</i></p> <p>Source: <i>Wikipedia contributors. (2018, October 10). Jim Metzen. In Wikipedia, The Free Encyclopedia. Retrieved 15:15, May 15, 2019, from https://en.wikipedia.org/w/index.php?title=Jim_Metzen&oldid=863395980</i></p>	
M1-X359	M1-X528		48 x 48	Officer Bill Mathews Memorial Highway US 12 in the City of Wayzata	161.14, Subd. 87
				<p><i>A stretch of Highway 12 will now be renamed in honor of fallen Wayzata Police Officer Bill Mathews.</i></p> <p><i>Thursday, Governor Mark Dayton signed a bill into law to officially name Highway 12 within the Wayzata city limits as “Officer Bill Mathews Memorial Highway.” The area will later be marked with signs.</i></p> <p><i>In September, Officer Mathews was picking debris off Highway 12 when he was fatally struck by a vehicle. Toxicology reports showed the driver, Beth Freeman, had cocaine in her system at the time of the crash.</i></p> <p><i>The bill was authored by state Sen. Dave Osmeck (R-Minnetonka) and Sen. Paul Anderson (R-Plymouth).</i></p> <p>Source: <i>Dayton signs bill to rename stretch of Highway 12 after fallen Wayzata officer (2018, May 3). Retrieved from http://www.fox9.com/news/dayton-signs-bill-to-rename-stretch-of-highway-12-after-fallen-wayzata-officer</i></p>	
M1-X360			48 x 42	Tom Rukavina Memorial Bridge The bridge over US 53 in the City of Virginia	161.14, Subd. 92
				<p><i>Longtime Iron Range politician and former DFL state lawmaker Tom Rukavina has died after a battle with cancer. He was 68.</i></p> <p><i>Known for his fiery populist rhetoric, sense of humor and unwavering support for mining and everything else on the Iron Range, Rukavina served a quarter-century in the Minnesota House.</i></p> <p><i>Before that, he counted milk truck driver, garbage truck driver and three years as a miner among his early jobs, according to his legislative biography.</i></p> <p><i>Born in Virginia, Minn., he was elected in 1986 and served until his retirement in 2012, after which he successfully ran for the St. Louis County Board, representing the county’s 4th District. He retired from that seat at the end of 2018.</i></p> <p>Source: <i>Iron Range political icon Tom Rukavina dies (2019, January 7). Retrieved from: https://www.mprnews.org/story/2019/01/07/tom-rukavina-dies</i></p>	
M1-X361			48 x 54	State Trooper Ray Krueger Memorial Highway TH 210 within Cass County	161.14, Subd. 95
				<p><i>Minnesota State Patrol Trooper Ray Krueger began his service with the patrol on March 15, 1934. At 47 years old on Nov. 20, 1959, Ray died while on duty as a result of injuries sustained in a crash along Hwy. 210 west of Brainerd.</i></p> <p><i>For 25 years, Krueger drove more than one million miles to patrol state highways without a previous accident. The driver of the second vehicle was making a left turn in front of Krueger’s car when the vehicles collided. He was survived by his wife and five children.</i></p> <p><i>“The Trooper Ray Krueger Memorial Highway project is an excellent way to honor Trooper Krueger’s service with our agency and remember his sacrifice,” Minnesota State Patrol Captain Joe Dwyer said. “This stretch of highway will serve as a reminder to those traveling on it that we face the same perils today that cost Trooper Krueger his life on Nov. 20, 1959.”</i></p> <p>Source: <i>Ray Krueger End of Watch 11.20.59 As the 59th anniversary of Trooper Ray Krueger’s end of watch approaches, family members and fellow troopers set out to honor his memory (2018, May 17). Retrieved from: https://www.messagemedia.co/aitkin/community/features/ray-krueger-end-of-watch/article_1df9aca6-585d-11e8-9e4b-4fe188d1250d.html</i></p>	

M Series

Memorial Signs

[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X362			96 x 42	Kenneth E. Sellon and Eugene B. Schlotfeldt Memorial Highway I-94 from Sauk Centre to Alexandria	161.14, Subd. 93
				<p><i>Kenneth Sellon was with Eugene Schlotfeldt when a truck struck them on I-94 near West Union on Nov. 14, 1968.</i></p> <p><i>The 37-mile stretch of freeway between Albany and Osakis opened Nov. 7, 1968, drawing a host of area residents and state and local politicians for ceremonies at five stops along the route.</i></p> <p><i>Just a week later, tragedy struck when a crash on the freeway 10 miles west of Sauk Centre killed 58-year-old Kenneth Sellon, the project engineer, and 34-year-old Eugene Schotfeldt, an inspector. Their pickup truck was parked on the shoulder when it was struck by a semitrailer loaded with props for the professional road show "Funny Girl".</i></p> <p><i>Minnesota dedicated a section of I-94 from Sauk Centre to Alexandria as the "Kenneth E. Sellon and Eugene B. Schlotfeldt Memorial Highway" in 2019. Family members and friends of the fallen workers raised money to purchase two memorial signs, which were put up along I-94 in designated areas last fall.</i></p> <p><i>Those signs were dedicated during a gathering Jan. 31 in St. Cloud. Members from both men's families were joined by lawmakers who authored bills to dedicate the Memorial Highway, current MN Design staff and former co-workers.</i></p> <p>Source: MN Design Transportation Worker Memorial webpage. Retrieved from http://www.dot.state.mn.us/workermemorial/names.html</p> <p>Source: <i>Construction of I-94 was well underway 50 years ago</i> (2015, July 9) Retrieved from https://www.sctimes.com/story/life/2015/07/09/construction-underway-years-ago/29907469/</p> <p>Source: MN Design Newsline.(2020, February 5). Retrieved from http://www.newsline.dot.state.mn.us/articles.html#Z1</p>	
M1-X363			48 x 48	SPC Ryane G. Clark Memorial Highway Highway 23 between New London and Spicer	161.14, Subd 91
				<p><i>The Minnesota Senate approved legislation May 8th to designate a portion of state Highway 23 in Kandiyohi County as Ryane Clark Memorial Highway. The bill, authored by Senator Andrew Lang of Olivia, passed with unanimous support.</i></p> <p><i>The legislation officially designates state Highway 23 between New London and Spicer as Ryane Clark Memorial Highway.</i></p> <p><i>Army SPC Ryane Clark, a native of New London, was killed by a rocket-propelled grenade during his 2010 deployment to Shekhabad, Afghanistan. SPC Clark was a 2007 graduate of New London-Spicer High School, where he participated in wrestling and was an Eagle Scout with Troop 228.</i></p> <p>Source: <i>Senate unanimously approves bill to designate Ryane Clark Memorial Highway</i> (2019, May 12). Retrieved from https://www.stjamesnews.com/news/20190512/senate-unanimously-approves-bill-to-designate-ryane-clark-memorial-highway</p>	
M1-X364			48 x 42	Richard J. Ames Memorial Highway Portions of TH 282, 13, 3 and 50 from Jordan to Farmington	161.14, Subd. 90
				<p><i>Gov. Tim Walz signed a bill last Wednesday, sponsored by Sen. Eric Pratt, R-Prior Lake, to designate a route between Jordan and U.S. Highway 61 near Miesville the "Richard J. Ames Memorial Highway." The bill was effective the following day.</i></p> <p><i>Ames, owner of Ames Construction and Jordan Transformer, died Jan. 30 in Scottsdale, Arizona. He was a resident of Jordan for more than 50 years and was a major donor to area causes.</i></p> <p><i>"From the Lakeville ice rink to the Jordan High School football field, Dick Ames contributed to countless community projects at no cost to anyone but himself," Pratt said in a press release. "Mr. Ames had one of the biggest hearts of anyone I have ever met. Honoring his legacy in our community by renaming a road, something he spent his entire career building, is the perfect tribute."</i></p> <p>Source: <i>Governor signs "Dick Ames Memorial Highway" bill</i> (2019, May 28). Retrieved from https://www.swnewsmedia.com/jordan_independent/news/local/governor-signs-dick-ames-memorial-highway-bill/article_be9abbf4-b89f-5d7a-8ecf-1f1d6990bc46.html</p>	

M Series

Memorial Signs Minnesota Statute 161.14					
Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X365			48 x 42	Specialist Noah Pierce Bridge The bridge on TH 37 over US 53 in Eveleth	161.14, Subd. 94
				<i>Representative Jason Metsa of Virginia drafted the bill to name the bridge over US 53 in honor of Army Specialist Noah Pierce. The bill memorializes Specialist Noah Pierce, who died in 2007, by designating a bridge over U.S. Highway 53 in Eveleth as "Specialist Noah Pierce Bridge." It authorizes memorial signs near the site where he passed away.</i>	
				<i>Army Specialist Noah C. Pierce was a decorated Iraq veteran who suffered with post-traumatic stress disorder and died at the age of 23. Pierce did two tours of duty with the Army's Third Infantry Division, first in Kuwait and then in Iraq, before returning home in 2006. He had plans for a third tour, his mother said.</i>	
				<i>AMVETS Commander Shawn Carr said Saturday that while Pierce, 23, did not die in action, he considers the decorated soldier a war-related casualty because of Pierce's battles with post-traumatic stress disorder (PTSD).</i>	
				Source: <i>House Research Bill Summary (2018, March 27)</i> . Retrieved from: https://www.house.leg.state.mn.us/hrd/bs/90/HF4164.pdf	
				Source: <i>A soldier's words push a mother to act (2008, January 1)</i> . Retrieved from: http://www.startribune.com/a-soldier-s-words-push-a-mother-to-act/12963366/	
M1-X366			48 x 48	Captain Jeffrey Vollmer Memorial Highway TH 25 from TH 7 to Carver Cty Road 30	161.14, Subd. 89
				<i>On March 25, a bill was passed by the state senate to rename a section of highway 25 "Captain Jeffrey Vollmer Memorial Highway". The renamed portion would be from highways 7 to 30 in honor of Captain Jeffrey Vollmer from the Mayer Fire Department, who passed away in December 2017 after a rigorous training exercise.</i>	
				<i>Captain Vollmer was well known throughout Mayer as well as the surrounding communities since the fire departments will often share firefighters during an emergency. Many in the community expressed that he was always willing to help someone in need. He suffered a heart attack on Dec 23, 2017 just a few hours after a training exercise and passed away.</i>	
				Source: <i>Push to rename highway after fallen firefighter (2019, Apr 11)</i> . Retrieved from https://www.hometownsource.com/sun_patriot/community/mayer/push-to-rename-highway-after-fallen-firefighter/article_64724ff4-5c4d-11e9-9eea-270cb343ae48.html	
M1-X367			48 x 54	Warrant Officer Dennis A. Groth Memorial Bridge The bridge on US 52 over Dakota CSAH 42 in Rosemount	161.14, Subd. 96
				<i>More than 50 years after he died, a Minnesota soldier received a high honor over the weekend.</i>	
				<i>The Warrant Officer Dennis Groth Memorial Bridge was dedicated on Highway 52 in Rosemount on Sunday.</i>	
				<i>Warrant Officer Dennis Groth was killed fighting in the Vietnam War when his medivac helicopter crashed in 1968. The Warrant Officer Dennis Groth Memorial Bridge was dedicated on Highway 52 in Rosemount on Sunday, July 14, 2019, in his honor.</i>	
				<i>Groth was only 21 years old when he was killed</i>	
				Source: <i>Highway 52 bridge dedicated for Rosemount soldier killed in Vietnam War (2019, July 15)</i> . Retrieved from: https://kstp.com/news/warrant-officer-dennis-groth-memorial-bridge/5422823/	
M1-X368	M1-X527		48 x 42	James L. Oberstar Memorial Highway I-35 from Duluth to Forest Lake	Public Law 113-361
				<i>Legislation that would name Interstate 35 between Duluth and Forest Lake, Minn., after former U.S. Rep. Jim Oberstar has passed Congress and is headed to President Barack Obama to be signed into law.</i>	
				<i>The bill — sponsored by U.S. Rep. Rick Nolan and U.S. Sens. Amy Klobuchar and Al Franken — cleared the Senate floor on Friday. That portion of the freeway will be called the James L. Oberstar Memorial Highway.</i>	
				<i>Oberstar, who died on May 3, was born in Chisholm and represented the people of northern Minnesota for 36 years, making him Minnesota's longest-serving congressman.</i>	
				Source: <i>Eh? Oberstar Memorial Highway bill passes (2014, December 12)</i> . Retrieved from http://www.duluthnewstribune.com/news/3633918-eh-oberstar-memorial-highway-bill-passes	

M Series

Memorial Signs

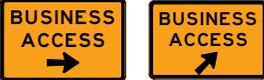
[Minnesota Statute 161.14](#)

Sign Code	Old Sign Code	Sign Picture	Size	Title	Statute
M1-X369			54 x 54	Corrections Officer Joseph Gomm Memorial Highway Highway 95 from I-94 in Lakeland to TH 36 in Oak Park Heights	161.14, Subd 88
				<p><i>On Friday, legislation to rename a section of state Highway 95 after fallen corrections officer Joseph Gomm was signed into law by Governor Tim Walz. The bill, authored by Senator Karin Housley (R-St. Marys Point), previously passed the House and the Senate with unanimous support.</i></p> <p><i>“The state of Minnesota mourns the loss of Officer Joseph Gomm. His legacy of sacrifice must not be forgotten,” said Senator Housley. “Officer Gomm paid the ultimate sacrifice, sacrificing his life in the line of duty to keep us safe. This is a small token of this community’s appreciation. Officer Gomm is remembered as a dedicated public servant, devoted friend, and trusted colleague. Our communities are safer because of Officer Gomm’s sacrifice – and we must never forget it.”</i></p> <p><i>On July 18, 2018, Officer Joseph Gomm was killed in an on-duty attack at the Minnesota Correctional Facility–Stillwater. The bill officially names a portion of state Highway 95, running from Interstate 94 in Lakeland to state Highway 36 in Oak Park Heights, as ‘Corrections Officer Joseph Gomm Memorial Highway’. New signage will be erected along the route, which stretches through West Lakeland Township, Bayport, and Oak Park Heights. The change will take effect on August 1.</i></p> <p>Source: Senator Housley’s bill memorializing fallen Stillwater corrections officer signed into law. Retrieved from https://www.mnsenaterepublicans.com/officer-joseph-gomm-memorial-highway-signed-into-law/</p>	

G Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
G20-1 MN Design			Black on Orange	CR-SL	60 x 24	27609	
				CR-ML, E, F	84 x 36	34033	
G20-2 MN Design	G20-2a		Black on Orange	CR-SL, ML	36 x 18	57809	
				E, F	48 x 24	27610	
G20-4			Black on Orange		36 x 18	24669	
G20-5aP			Black on Orange	CR-SL, ML	24 x 18	55954	
				E, F	36 x 24	55955	
				O	48 x 36	55956	
G20-X1 MN Design		<p>TRAIL STREET BRIDGE RAMP</p>  <p>DETOURED</p> <p>Advanced Long Term Notice</p>	Black on Orange	B-P	36 x 30	TRAIL	57960
						STREET	57961
						BRIDGE	51110
						RAMP	51111
						ROAD	51067
						DETOURED	51112
				RA	54 x 48	34034	
CR-SL, ML	72 x 60	34035					
E, F	90 x 78	34036					
G20-X2 MN Design		<p>BRIDGE CLOSED</p>  <p>Work Zone Advanced Notice</p>	Black on Orange	M	66 x 66	56037	
				CR-SL, ML	96 x 84	34037	
				E, F	174 x 114	58003	
G20-X3P MN Design	G20-X3	 <p>Mount under G20-X1</p>	Black on Orange		60 x 24	34040	
G20-X4 MN Design		   <p>Construction Zone Business Signing</p>	Black on Orange		72 x 18	34041	

G Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
G20-X5 MN Design		 Contractor Identification Signing	Black on Orange		60 x 24	34558	
G20-X5a MN Design		 Contractor Identification Signing	Black on Orange		60 x 30	34559	
G20-X5b MN Design		 Contractor Identification Signing	Black on Orange		60 x 30	34560	
G20-X6 (R, L or T) MN Design		 Variable Arrow Angle	Black on Orange	CR-SL	36 x 24	34766 (L)	34769 (R)
				CR-ML, E	48 x 36	34767 (L)	34770 (R)
				O	66 x 48	34768 (L)	34771 (R)
G20-X7 MN Design		 Variable Arrow Angle	Black on Orange	E, F	48 x 48	35362	
G20-X7P MN Design		 Use with G20-X7	Black on Orange	E, F	48 X 12	58115	
G20-X8 MN Design		Black on Orange		See TEM Section 8-6.02.02B for sign size, roadway designation and design.		42 x Var.	51510
						60 x Var.	51511
						72 x Var.	51512
						84 x Var.	51513
						96 x Var.	51514
G20-X9 MN Design			Black on Orange		30 x 36	51515	
G20-X10 MN Design		 ALL	Black on Orange		48 x 60	51516	

G Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
G20-X11P MN Design	G20-X11	 Use under W20-5	Black on Orange	Use under 36" sign	48 x 24	50902
				Use under 48" sign	78 x 36	50903
G20-X12P MN Design	G20-X12	 Use under W20-X19 and W4-2	Black on Orange	Use under 36" sign	30 x 24	57810
				Use under 48" sign	48 x 30	57811
G20-X15 MN Design		 Advanced Short Term Notice	Black on Orange	B-P	30 x 36	57812
				RA	36 x 42	51526
				CR-SL	48 x 54	57813
				CR-ML	60 x 72	57883
				E, F	78 x 90	57884
G20-X16 MN Design			Black on Orange		48 x 18	51527
G20-X17 MN Design			Black on Orange		96 x 48	55957
G20-X18 MN Design			Black on Orange		54 x 30	57895
G20-X18P MN Design			Black on Orange		54 x 12	57896
G20-X19 MN Design			Black on Orange		30 x 24	57897
G20-X19P MN Design		 Use under G20-X19	Black on Orange		30 x 8	57905
G20-X20 MN Design			Black on Orange		72 x 48	57930
G20-X21 MN Design			Black on Orange		72 x 48	57931

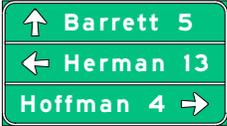
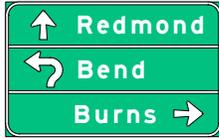
S Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
S1-1			Black on Fluorescent Yellow-Green	M	30 x 30	24700
				CR-SL, ML	36 x 36	24701
				O	48 x 48	24702
S3-1			Black on Fluorescent Yellow-Green	M	30 x 30	51528
				CR-SL, ML	36 x 36	51529
				O	48 x 48	51435
S3-2M MN Design	S3-2a		Black on Fluorescent Yellow-Green	M	30 x 30	51436
				CR-SL, ML	36 x 36	51437
				O	48 x 48	51438
S3-X1 MN Design			Black on White	CR-SL, ML	24 x 30	31740
S4-1P MN Design			Black on White	CR-SL, ML	24 x 10	50947
				O	36 x 18	50960
S4-2P			Black on White	CR-SL, ML	24 x 10	50961
				O	36 x 18	50962
S4-3P			Black on Fluorescent Yellow-Green	CR-SL, ML	24 x 8	50963
				O	36 x 12	50964
S4-4P			Black on White	CR-SL, ML	24 x 10	50965
				O	36 x 18	51129
S4-5			Black on Fluorescent Yellow-Green	M	30 x 30	51130
				CR-SL, ML	36 x 36	51131
				O	48 x 48	51132
S4-6P			Black on White	CR-SL, ML	24 x 10	51133
				O	36 x 18	51134

S Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
S4-7P			Black on Fluorescent Yellow-Green	CR-SL, ML	24 x 12	51135
				O	30 x 18	51176
S5-1			Black on Fluorescent Yellow-Green	CR-SL, ML	24 x 48	51100
				O	36 x 72	51101
S5-2			Black on White	CR-SL, ML	24 x 30	32021
				O	36 x 48	51102
S5-3			Black on White	CR-SL, ML	24 x 30	57558
				O	36 x 48	57559

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D1-1 (R or L) MN Design Left is shown			White on Green	CR-SL, ML	Var. x 24	51103 (L)	51105 (R)
				E	Var. x 30	51104 (L)	51269 (R)
D1-1a (R or L) MN Design Left is shown			White on Green	CR-SL, ML	Var. x 24	51270 (L)	51272 (R)
				E	Var. x 30	51271 (L)	51305 (R)
D1-1d MN Design		 Roundabout Exit Destination	White on Green		Var. x 18	57782	
D1-2 MN Design			White on Green	CR-SL, ML	Var. x 42	51306	
				E	Var. x 54	51307	
D1-2a MN Design			White on Green	CR-SL, ML	Var. x 42	51308	
				E	Var. x 54	51033	
D1-2d MN Design		 Advance Roundabout Destination	White on Green	CR-SL, ML	Var. x 42	51034	
D1-3 MN Design			White on Green	CR-SL, ML	Var. x 60	51035	
				E	Var. x 72	51143	
D1-3a MN Design			White on Green	CR-SL, ML	Var. x 60	51144	
				E	Var. x 72	51145	
D1-3d MN Design		 Advance Roundabout Destination	White on Green	CR-SL, ML	Var. x 60	51146	
D1-5 MN Design		 Diagrammatic Roundabout	White on Green	M	Var. x 78	57785	
				CR-SL, ML	Var. x 84	57801	

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
D1-X1 (R, L or DH) MN Design Right and Dual Head are shown	D1-X2		White on Green	M	30 x 24	31021 (L) 31024 (R) 31017 (DH)
				CR-SL, ML	42 x 36	31022 (L) 31025 (R) 31018 (DH)
				E	66 x 48	31023 (L) 31026 (R) 34045 (DH)
D2-1M MN Design			White on Green	CR-SL, ML*	Var. x 18	51191
				CR-ML*, E	Var. x 24	51192
				* Multi-lane - use smaller height sign size for <45 mph and larger height sign size for 45 mph or greater.		
D2-2M MN Design			White on Green	CR-SL, ML*	Var. x 30	51193
				CR-ML*, E	Var. x 36	51219
				* Multi-lane - use smaller height sign size for <45 mph and larger height sign size for 45 mph or greater.		
D2-3M MN Design			White on Green	CR-SL, ML*	Var. x 42	51220
				CR-ML*, E	Var. x 48	51221
				* Multi-lane - use smaller height sign size for <45 mph and larger height sign size for 45 mph or greater.		
D3-1 MN Design	D3-X1	 For bridge/mast arm use	White on Green		Var. x 24	34079
D3-1M MN Design	D3-X2	 For bridge/mast arm use	White on Green		Var. x 24	56035
D3-1Ma MN Design	D3-X3	 For bridge/mast arm use	White on Green		Var. x 48	55946
D3-2M MN Design			White on Green	CR-SL	Var. x 30	57818
				CR-ML	Var. x 42	57819
D3-2Ma MN Design			White on Green	CR-SL	Var. x 54	57820
				CR-ML	Var. x 72	57821
D3-2Mb MN Design			White on Green	CR-SL	Var. x 54	57822
				CR-ML	Var. x 72	57823
D3-2Mc MN Design			White on Green	CR-SL	Var. x 60	57824
				CR-ML	Var. x 78	57825

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D4-1 (R or L) Right is shown			Green on White		30 x 24	34080	
D4-2 (R or L) Right is shown		 Transit Logo to be specified	White on Green	M	24 x 30	57851 (L)	57826 (R)
				CR-SL, ML	30 x 36	34081 (L)	34135 (R)
				E	36 x 48	32228 (L)	32229 (R)
D4-2M MN Design	D4-2a	 For on-site use	White on Green		36 x 42	32213	
D5-1			White on Blue	CR-SL, ML	114 x 48	51466	
				E, F	132 x 60	51467	
D5-1a			White on Blue	CR-SL, ML	78 x 36	50923	
				E	114 x 48	51170	
				F	132 x 60	51171	
D5-1M MN Design	D5-1c		White on Blue	F	132 x 114	51172	
D5-2		 Exit direction	White on Blue	CR-SL, ML	114 x 54	57852	
				E, F	132 x 66	57858	
D5-2a		 For use at gore	White on Blue	CR-SL, ML	42 x 48	51173	
				E	66 x 72	51174	
				F	78 x 78	51175	
D5-6			White on Blue	CR-SL, ML	108 x 66	51519	
				E, F	132 x 78	51520	
D5-X1 (R or L) MN Design		 LEFT	White on Blue		36 x 36	34136 (L)	34137 (R)

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D5-X1P Overlay MN Design	D5-X1a		White on Blue		36 x 12	31216	
						31217	
						31218	
						34138	
						34139	
		For use with D5-X1					
D5-X2 (R or L) MN Design Right is shown			White on Blue		36 x 30	31276 (L)	31277 (R)
D6-2M (R or L) MN Design	D6-2a		White on Blue		36 x 36	32047 (L)	32048 (R)
D6-3M (R or L) MN Design Right is shown	D6-3a		White on Blue		36 x 30	31825 (L)	31826 (R)
D7-X1 (R or L) MN Design			White on Brown		36 x 36	34143 (L)	34142 (R)
D7-X2 (R or L) MN Design Right is shown			White on Brown		36 x 30	34144 (L)	34145 (R)
D7-X3 MN Design	D5-X1c		White on Brown		36 x 18	34141	
D7-X4 MN Design	D5-X1b		White on Brown		36 x 18	34140	
D7-X5 (R or L) MN Design			White on Brown		36 x 36	34147 (L)	34146 (R)
D7-X6 (R or L) MN Design Right is shown			White on Brown		36 x 30	31210 (L)	31209 (R)

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D7-X7 (R or L) MN Design	D7-X5a		White on Brown		36 x 36	34149 (L)	34148 (R)
D7-X8 (R, L or T) MN Design Right is shown	D7-X11		White on Brown	M	30 x 24	34196 (L) 34195 (R) 34197 (T)	
				CR-SL, ML	48 x 36	34199 (L) 34198 (R) 34200 (T)	
				E	60 x 48	54002 (L) 54001 (R) 54003 (T)	
D7-X9 (R, L or T) MN Design Right is shown	D7-11a		White on Brown	M	30 x 24	51552 (L) 51521 (R) 51555 (T)	
				CR-SL, ML	48 x 36	51553 (L) 51550 (R) 51556 (T)	
				E	60 x 48	51554 (L) 51551 (R) 51557 (T)	
D7-X10 (R or L) MN Design Right is shown	D7-X7		White on Brown		Var. x 30	34151 (L)	34150 (R)
D7-X10a (R or L) MN Design Right is shown	D7-X7a		White on Brown		Var. x 30	34153 (L)	34152 (R)
D7-X11 (R, L or T) MN Design Right is shown	D7-X10		White on Brown	M	18 x 24	34191 (L) 34187 (R) 31827 (T)	
				CR-SL, ML	30 x 36	34193 (L) 34192 (R) 34194 (T)	
				E	42 x 48	53998 (L) 53997 (R) 54000 (T)	
D7-X12 (R, L or T) MN Design Right is shown	D7-X15		White on Brown	M	24 x 24	34204 (L) 34203 (R) 31832 (T)	
				CR-SL, ML	36 x 36	34206 (L) 34205 (R) 31833 (T)	
				E	48 x 48	54008 (L) 54007 (R) 54009 (T)	
D7-X12a (R or L) MN Design Right is shown	D7-X15a		White on Brown	CR-SL, ML	48 x 36	34800 (L)	34799 (R)
				E	66 x 48	34802 (L)	34801 (R)
D7-X13 (R, L or T) MN Design Right is shown	D7-X9		White on Brown	M	18 x 24	34156 (L) 34157 (R) 34183 (T)	
				CR-SL, ML	30 x 36	34184 (L) 34185 (R) 34186 (T)	
				E	42 x 48	53995 (L) 53994 (R) 53996 (T)	
D7-X14 (R, L or T) MN Design Right is shown	D7-X20		White on Brown	M	30 x 24	34376 (L) 35374 (R) 35378 (T)	
				CR-SL, ML	48 x 36	35377 (L) 35375 (R) 35376 (T)	

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D7-X15 (R, L or T) MN Design Right is shown	D7-X12		White on Brown	M	30 x 24	32083 (L) 32082 (R)	31828 (T)
				CR-SL, ML	42 x 36	34202 (L) 34201 (R)	31829 (T)
				E	54 x 48	54005 (L) 54004 (R)	54006 (T)
D7-X16 (R, L or T) MN Design Right is shown	D7-X21		White on Brown	M	24 x 24	51570 (L) 51568 (R)	51572 (T)
				CR-SL, ML, E	36 x 36	51571 (L) 51569 (R)	51573 (T)
D7-X17 (R, L or T) MN Design Right is shown	D7-X22		White on Brown	M	30 x 24	35388 (L) 35386 (R)	35390 (T)
				CR-SL, ML, E	48 x 36	35389 (L) 35387 (R)	35391 (T)
D7-X18 (R, L or T) MN Design Right is shown	D7-X16		White on Green	M	36 x 24	34208 (L) 34207 (R)	31834 (T)
				CR-SL, ML	54 x 36	34210 (L) 34209 (R)	31835 (T)
				E	72 x 48	54011 (L) 54010 (R)	54012 (T)
D7-X19 (R, L or T) MN Design Right is shown			White on Green	M	30 x 24	34225 (L) 34224 (R)	34228 (T)
				CR-SL, ML	42 x 36	34227 (L) 34226 (R)	34229 (T)
				E	54 x 48	53985 (L) 53984 (R)	53986 (T)
D7-X20 (R, L or T) MN Design Right is shown	D7-X17		White on Green	M	36 x 24	34217 (L) 34216 (R)	31334 (T)
				CR-SL, ML	48 x 36	34219 (L) 34218 (R)	31335 (T)
				E	66 x 48	54014 (L) 54013 (R)	53980 (T)
D7-X21 (R, L or T) MN Design Right is shown	D1-X18		White on Green	M	36 x 24	34221 (L) 34220 (R)	32451 (T)
				CR-SL, ML	48 x 36	34223 (L) 34222 (R)	32452 (T)
				E	66 x 48	53982 (L) 53981 (R)	53983 (T)
D7-X22 (R, L or T) MN Design Right is shown	D1-X1a		White on Green	M	30 x 18	34342 (L) 35339 (R)	35345 (T)
				CR-SL, ML	54 x 24	35343 (L) 35340 (R)	35346 (T)
				E	66 x 36	34345 (L) 35341 (R)	35347 (T)
D7-X23 (R or L) MN Design Right is shown	D1-X1		White on Green	M	30 x 24	31204 (L)	31203 (R)
				CR-SL, ML	42 x 36	31207 (L)	31206 (R)
				E	54 x 48	56033 (L)	56034 (R)

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D7-X24 (R or L) MN Design Right is shown	D1-X9		White on Green	CR-SL, ML	30 x 36	51149 (L)	51147 (R)
				E	42 x 48	51190 (L)	51148 (R)
D7-X25 (R or L) MN Design Right is shown	D1-X4		White on Green	CR-SL, ML	48 x 12	31265 (L)	31267 (R)
				E	60 x 18	31266 (L)	31268 (R)
D7-X26 (R or L) MN Design Right is shown	D1-X6		White on Green	M	54 x 24	34051 (L)	34050 (R)
				CR-SL, ML	78 x 36	31416 (L)	31417 (R)
				E	102 x 48	34053 (L)	34050 (R)
D7-X27 (R or L) MN Design Right is shown	D1-X3		White on Green	M	36 x 24	34046 (L)	34047 (R)
				CR-SL, ML	48 x 36	31415 (L)	31414 (R)
				E	66 x 48	34048 (L)	34049 (R)
D7-X28 (R or L) MN Design Right is shown	D1-X5		White on Green	M	48 x 24	34536 (L)	34535 (R)
				CR-SL, ML	72 x 36	34534 (L)	31591 (R)
				E	96 x 48	34538 (L)	34537 (R)
D7-X29 (R, L or T) MN Design Right is shown	D1-X8		White on Green	M	36 x 24	34067 (L)	34066 (R)
						34068 (T)	
				CR-SL, ML	54 x 36	34070 (L)	34069 (R)
						34071 (T)	
				E	72 x 48	34073 (L)	34072 (R)
						34074 (T)	
D8-1	D8-X1		White on Green	CR-SL, ML, E	78 x 60	57902	
				F	96 x 72	57908	
D8-2M MN Design	D8-X2		White on Green	CR-SL, ML, E	84 x 48	57924	
				F	108 x 60	57925	
D8-3 Right is shown	D8-X3		White on Green	E	66 x 60	57926	
				F	84 x 78	57927	
D8-3M (R or L) MN Design Right is shown	D8-X3		White on Green	CR-SL, ML, E	66 x 48	56979 (L)	56976 (R)

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D9-1			White on Blue	CR-SL, ML	24 x 24	51376	
				E, F	30 x 30	51377	
D9-2			White on Blue	CR-SL, ML	24 x 24	51378	
				E, F	30 x 30	51379	
D9-2M Overlay MN Design	E3-X1		White on Blue	E, F	84 x 16	34274	
D9-2Ma (R, L, T or ALT) MN Design Right is shown	D9-2a	 Hospital Trailblazer	White on Blue	CR-SL, ML	24 x 48	31199 (L)	31200 (R)
						31274 (T)	
						34239 (ALT L)	34238 (ALT R)
D9-2Mb (R or L) MN Design Right is shown	D9-2b	 For Non-Freeway Use	White on Blue	CR-SL, ML	48 x 24	31843 (L)	31845 (R)
				E	60 x 30	31844 (L)	31846 (R)
D9-6			White on Blue	CR-SL, ML	24 x 24	51380	
				E, F	30 x 30	51381	
D9-6P			White on Blue		18 x 9	57928	
D9-10M (R or L) MN Design Right is shown	D9-10a		White on Blue	M	30 x 24	34243 (L)	34240 (R)
				CR-SL, ML	42 x 36	30990 (L)	30989 (R)
				E	60 x 48	34245 (L)	34244 (R)
D9-16			White on Blue	CR-SL, ML	24 x 24	57929	
				E, F	30 x 30	57936	

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D9-18c Motorist Services MN Design	E10-1	 <p>SECOND RIGHT Variable legends Overlays may be used</p>	White on Blue	E	108 x 84	57937	
				F	132 x 108	57832	
D9-18c Overlay MN Design	E10-1	 <p>For use on D9-18c</p>	White on Blue		Var. x 12	34376	
D9-18cM MN Design	E10-3		White on Blue	E	102 x 36	31250	
				F	132 x 48	31251	
D9-18cMa (R or L) MN Design Right is shown	E10-4		White on Blue		78 x 36	51239 (L)	51238 (R)
D9-18cMb (R, L, or RL) MN Design	E10-5		White on Blue	RA	48 x 12	34279 (L)	34278 (R)
						32243 (RL)	
D9-18cMc (R, L, or RL) MN Design	E10-6		White on Blue	RA	48 x 12	34281 (L)	34280 (R)
						32244 (RL)	

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #	
D9-18cMd (R, L, or RL) MN Design	E10-7		White on Blue	RA	48 x 12	34293 (L)	34282 (R)
						32245 (RL)	
D9-18cMe (R or L) MN Design Right is shown	E10-8		White on Blue	RA	48 x 12	34285 (L)	34284 (R)
D9-18cMf (R, L, or RL) MN Design	E10-9		White on Blue	RA	48 x 12	34287 (L)	34286 (R)
						32247 (RL)	
D9-18cMg (R, L, or RL) MN Design	E10-10		White on Blue	RA	48 x 12	34289 (L)	34288 (R)
						32246 (RL)	
D9-18cMh (R, L, or RL) MN Design	E10-11		White on Blue	RA	48 x 12	34291 (L)	34290 (R)
						32248 (RL)	
D9-18cMi (R, L, or RL) MN Design	E10-12		White on Blue	RA	48 x 12	34550 (L)	34539 (R)
						34551 (RL)	
D9-18cMj (R or L) MN Design Right is shown	E10-13		White on Blue	RA	48 x 12	55958 (L)	55959 (R)
D9-21	D9-1P	 TTY Symbol	White on Blue	CR-SL, ML	24 x 24	32374	
				E, F	30 x 30	32373	
D9-X1 (R or L) MN Design Right is shown		 Use with freeway services	White on Blue		48 x 24	25117 (L)	25009 (R)
D9-X3 (R, L, or RL) MN Design			White on Blue		66 x 12	34248 (L)	34247 (R)
						34249 (RL)	

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #		
D9-X4 (R, L, or RL) MN Design			White on Blue		66 x 12	31988 (L)	31989 (R)	
						34250 (RL)		
D9-X6 (R or L) MN Design			White on Blue	Specific Service Signs	72 x 18	30932		
								48 x 12 logo
								18 x 12 logo
								72 x 12 for mainlines and interchanges
								15 x 10 plate
D10-1			White on Green	CR-SL, ML	10 x 18	30947		
				E, F	12 x 24	30957		
D10-2			White on Green	CR-SL, ML	10 x 27	30906		
				E, F	12 x 36	30962		
D10-3			White on Green	CR-SL, ML	10 x 36	30952		
				E, F	12 x 48	30967		
D10-4			White on Green		18 x 54	57833		

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
D10-5		 <p>Intermediate Enhanced Reference Location</p>	White on Green		18 x 60	57834
D11-1			White on Green		24 x 18	31919
D12-2M MN Design	D12-2a		White on Blue	CR-SL, ML	60 x 42	57856
				E, F	102 x 66	57857
D12-4 MN Design	D12-4m		White on Blue	CR-SL, ML	66 x 30	57885
				E, F	96 x 48	57839
D12-5a MN Design	D12-X5		White on Blue	CR-SL, ML	48 x 36	57853
				E, F	66 x 48	57854
D13-3M MN Design	E1-6		White on Green		42 x 24	31361
D14-X1 MN Design	I-X1		White on Blue	CR-SL, ML	42 x 24	29885
				E, F	72 x 48	25230
D14-X1a Overlay MN Design	I-X1		White on Blue	CR-SL, ML	42 x 12	57855
				E, F	72 x 24	57835
D14-X1P MN Design	I-X1P		White on Blue		24 x 24	34591
D14-X2 MN Design	I-X1			Rest Area	42 x 24	55211
D14-X3 MN Design				CR-SL, ML	42 x 24	57836
				E, F	72 x 48	57837

D Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
D17-2	R4-6		White on Green	CR-SL, ML	42 x 42	57838
				E, F	60 x 54	57886
D18-X1 MN Design			White on Blue		36 x 36	57887
D18-X1P MN Design	D9-X11P	 To be used with D18-X1	White on Blue		36 x 12	57888

D Series

Cultural Interest Area Symbols

Sign Code	Old Sign Code	Sign Picture	Sign Name	Use	Sign Size (inches)	MnDOT Stock #
RS-041	D7-Xp		Sanitary Station	CR-SL, ML E, F	24 x 24 30 x 30	58004
RS-044	D7-Xp		Picnic Site	CR-SL, ML E, F	24 x 24 30 x 30	57954
RS-046	D7-X14		Cross Country Skiing	CR-SL, ML E, F	24 x 24 30 x 30	57955
RS-047	D7-X13		Downhill Skiing	CR-SL, ML E, F	24 x 24 30 x 30	57956
RS-052	D7-Xp		Snowmobile	CR-SL, ML E, F	24 x 24 30 x 30	57966
RS-054	D7-Xp		Boat Ramp	CR-SL, ML E, F	24 x 24 30 x 30	57967
RS-061	D7-Xp		Swimming	CR-SL, ML E, F	24 x 24 30 x 30	57968
RS-064	D7-Xp		Horse Trail	CR-SL, ML E, F	24 x 24 30 x 30	57969
RS-068	D7-Xp		Hiking Trail	CR-SL, ML E, F	24 x 24 30 x 30	57970

NOTES:

1. All symbols have a white legend and border on brown background.
2. Cultural Interest Area Symbols are not shown in the Federal Standard Highway Signs and Markings Book - see the Minnesota Standard Signs Manual for designs.
3. The symbols can be found in SignCad.

D Series

Cultural Interest Area Symbols

Sign Code	Old Sign Code	Sign Picture	Sign Name	Use	Sign Size (inches)	MnDOT Stock #
RS-076	D7-Xp		Wildlife Viewing	CR-SL, ML E, F	24 x 24 30 x 30	57971
RS-078	D7-Xp		Snowshoeing	CR-SL, ML E, F	24 x 24 30 x 30	57972
RS-079	D7-Xp		Canoeing	CR-SL, ML E, F	24 x 24 30 x 30	57973
RS-081	D7-Xp		Rock Climbing	CR-SL, ML E, F	24 x 24 30 x 30	57974
RS-X01 MN Design	D7-Xp		Bicycle	CR-SL, ML E, F	24 x 24 30 x 30	57998
RS-X02 MN Design	D7-Xp		Campground	CR-SL, ML E, F	24 x 24 30 x 30	57999
RS-X03 MN Design	D7-Xp		Canoe Access	CR-SL, ML E, F	24 x 24 30 x 30	57975
RS-X04 MN Design	D7-Xp		Information	CR-SL, ML E, F	24 x 24 30 x 30	57976

NOTES:

1. All symbols have a white legend and border on brown background.
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3. The symbols can be found in SignCad.

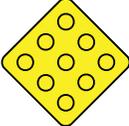
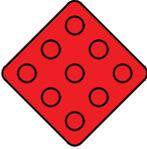
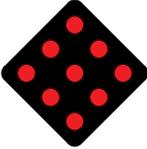
I Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
I2-X1 MN Design	I2-10		Various	Type III Minor Minnesota Entrance	66 x 42	31851
I2-X2 MN Design	I2-12		Various	Type III Minor Minnesota Exit Sign	66 x 42	31852
I2-X3 MN Design	I2-5		White on Green	CR-SL, ML	Var. x 24	34267
				E, F	Var. x 36	34268
I2-X4 MN Design	I2-3		White on Green	CR-SL, ML	Var. x 24	34263
					Var. x 36*	34264
				E, F	Var. x 36	34265
					Var. x 48*	43266
* For use with two line names						
I2-X4a MN Design			White on Green	CR-SL, ML	Var. x 30	57629
I-3 MN Design	I3-1		White on Green	CR-SL, ML	Var. x 18	34269
					Var. x 24*	34271
				E, F	Var. x 24	34270
					Var. x 36*	34272
* For use with two line names						
I-3M MN Design			White on Green	CR-SL, ML	Var. x 24	57639
I-5			White on Green	CR-SL, ML	24 x 24	31269
				E, F	30 x 30	31270
I-6			White on Green	CR-SL, ML	24 x 24	51384
				E, F	30 x 30	51321
I-7			White on Green	CR-SL, ML	24 x 24	51404
				E, F	30 x 30	51405
I-8			White on Green	CR-SL, ML	24 x 24	31460
				E, F	30 x 30	51406
I-11	I-11m		White on Green	CR-SL, ML	30 x 48	57640
I-12			White on Green	CR-SL, ML	24 x 24	51407

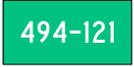
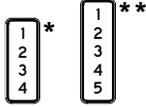
E Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
E1-5P MN Design			White on Green	F	Var. x 30	51442
E1-5aP			Black on Yellow	E, F	72 x 30	51440
E1-5bP MN Design			Black on Yellow and White on Green	F	Var. x 54	51441
E5-1 MN Design (R or L) Right is shown			White on Green	E	72 x 60	32159
E5-1a MN Design (R or L) Right is shown		 For one digit only	White on Green	F	72 x 60	30984
E5-1aM MN Design (R or L) Right is shown	E5-1b	 For two or more digits	White on Green	F	Var. x 84	30985
E11-1a Overlay			Black on Yellow	E, F	66 x 18	57553
E11-1b Overlay MN Design			Black on Yellow	CR-ML	42 x 14	57554
				E, F	66 x 18*	57555
* Use federal design for size 66 x 18.						
E11-2 Overlay MN Design			Black on Yellow	E, F	42 x 16	57556
E13-1P			Black on Yellow		72 x 24	51242
E13-2 Overlay			Black on Yellow	E, F	144 x 24	57932

OM Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
OM1-1	X4-2		Yellow on Black		18 x 18	57561
OM1-2	X4-2		Yellow on Black		18 x 18	57562
OM2-2V	X4-3		Yellow		6 x 12	28623
OM3-L MN Design	X4-4		Black on Yellow	B-P	6 x 18	57542
				CR-SL, ML	12 x 36	57543
OM3-C MN Design	X4-4		Black on Yellow	B-P	6 x 18	57544
				CR-SL, ML	12 x 36	57545
					12 x 24*	57546
				*Shall only be used on exit gores of interchange ramps for snowplow operations.		
OM3-R MN Design	X4-4		Black on Yellow	B-P	6 x 18	57547
				CR-SL, ML	12 x 36	57548
OM4-1	X4-11		Red on Red	End of Roadway	18 x 18	57549
OM4-2	X4-11		Red on Black	End of Roadway	18 x 18	25400

X Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
X1-1 MN Design	X1-5		Black on White	CR-SL, ML	42 x 30	31824
				E, F	72 x 48	34306
X2-1 MN Design	X5-1	 OH Sign ID Plate	White on Green		12 x 6	51288
X2-2 MN Design	X4-12a	 Bridge Number	Black on White		6 x 15 *	51286
					6 x 18 **	51287
X2-3 MN Design	X4-24	 Fire Hydrant Marker	Red on White		8 x 12	34773
					12 x 18	34774
X3-1 MN Design		 Right of Way Boundary Marker	Green on White		9.5 x 12.75	25198
X3-2 MN Design		 CONTROLLED ACCESS	Black on White		12 x 8	25199
X3-3 MN Design		 Scenic Easement Marker	Green on White		9.5 x 12.75	25200
X3-4 MN Design	X3-6a	 KEEP OFF INFILTRATION AREA	Black on Yellow		18 x 12	51243
X3-5 MN Design	X4-5	 Snowplow Marker Raise Blade Shown	Black on Yellow		6 x 12	31406
X3-6 MN Design		 KEEP OUT ENVIRONMENTALLY SENSITIVE AREA NO UNAUTHORIZED • Plowing • Collecting • Spraying • Mowing • Digging • Haying OR OTHER WORK	Black on Yellow		12 x 18	
X4-1 MN Design	X4-6	 Guide Delineator	Black on White or Yellow		8 x 24	25398 (White)
						25399 (Yellow)

X Series

Sign Code	Old Sign Code	Sign Picture	Color	Use	Sign Size (inches)	MnDOT Stock #
X4-2 MN Design	X4-8	 1/10 Mile Delineator	White		4 x 4	26940
X4-3 MN Design	X4-13	 Wrap Around Delineator	Black on White or Yellow		9 - 12 high, 6 - 8 diameter	25209 (White)
						25210 (Yellow)
X5-2 MN Design		 Reflective Post Strip	Match background color of primary sign. Exception: YIELD and DO NOT ENTER shall be red.		3 x 72	57560

PM Series

Code	Letter	Standard		Contrast	
		Installed Area (SF)	Removal Area (SF)	Installed Area (SF)	Removal Area (SF)
PMC-1	A	5.22	10.27	8.25	12.65
	B	7.25	10.27	10.60	12.65
	C	4.79	10.27	7.59	12.65
	D	6.26	10.27	9.90	12.65
	E	6.26	10.27	9.12	12.65
	F	4.61	10.27	7.15	12.65
PMC-2	G	5.89	10.27	9.37	12.65
	H	5.94	10.27	10.00	12.65
	I	2.56	2.67	4.70	4.81
	J	3.56	10.27	6.02	12.65
	K	5.96	10.27	9.83	12.65
	L	3.79	10.27	6.17	12.65
PMC-3	M	7.12	10.27	11.36	12.65
	N	6.96	10.27	11.31	12.65
	O	6.04	10.27	9.57	12.65
	P	5.24	10.27	8.14	12.65
	Q	6.30	10.27	9.89	12.65
	R	6.11	10.27	9.78	12.65
PMC-4	S	5.89	10.27	8.67	12.65
	T	3.79	10.27	6.17	12.65
	U	5.75	10.27	9.53	12.65
	V	4.69	10.27	7.98	12.65
	W	6.96	10.27	10.52	12.65
	X	4.69	10.27	8.07	12.65
PMC-5	Y	3.84	10.27	6.71	12.65
	Z	5.02	10.27	7.66	12.65

Code	Number	Standard		Contrast	
		Installed Area (SF)	Removal Area (SF)	Installed Area (SF)	Removal Area (SF)
PMC-5	1	2.56	2.67	4.70	4.81
	2	5.68	10.27	8.29	12.65
	3	5.59	10.27	8.47	12.65
	4	5.10	10.27	7.99	12.65
PMC-6	5	6.18	10.27	9.13	12.65
	6	6.35	10.27	9.38	12.65
	7	3.79	10.27	6.19	12.65
	8	6.76	10.27	10.06	12.65
	9	6.35	10.27	9.38	12.65
	0	6.04	10.27	9.57	12.65

PM Series

Code	Word	Standard		Contrast	
		Installed Area (SF)	Removal Area (SF)	Installed Area (SF)	Removal Area (SF)
PMW-1	YIELD	22.71	51.73	36.60	58.16
	EXPRS	28.19	62.00	43.78	70.13
PMW-2	STOP	20.96	49.07	35.67	52.66
	LANE	22.23	49.07	34.85	52.66
PMW-3	BIKE	22.03	38.80	34.26	44.82
	XING	20.10	38.80	33.46	44.82
PMW-4	PED	17.76	36.13	27.15	39.32
	ONLY	20.63	49.07	30.59	52.66
PMW-5	SCHOOL	32.49	74.93	54.69	79.34
	AHEAD	28.90	62.00	45.51	66.00
PMW-7	SIGNAL	30.31	64.67	48.47	71.50

Code	Symbol	Description	Standard		Contrast	
			Installed Area (SF)	Removal Area (SF)	Installed Area (SF)	Removal Area (SF)
PMS-2		Designated Bike Symbol	2.66	8.00	5.35	9.56
			5.98	18.00	10.36	20.31
			10.63	32.00	16.42	35.06
PMS-3		Designated Shared Lane Marking	8.51	31.11	17.98	34.34
PMS-4		HOV Pavement Marker	9.75	30.00	1.36	2.19
					4.13	7.31
PMS-6		Yield Pavement Marking	0.75	1.50	13.83	33.69
			3.00	6.00		
PMS-7*		Railroad Pavement Marking	61.88	148.00	77.10	157.00
PMS-8		Accessible Parking Symbol (white on asphalt, blue on concrete)	4.43	10.45	8.81	12.13

* Bars for railroad crossing pavement message are paid for as a 24" solid line. Removal of bars for railroad crossing pavement message is paid for as a longitudinal line as required by Spec. 2102.

PM Series

Code	Arrow	Standard		Contrast	
		Installed Area (SF)	Removal Area (SF)	Installed Area (SF)	Removal Area (SF)
PMA-1		12.20	33.25	15.53	36.56
PMA-2 (R or L)		15.45	48.00	19.06	49.77
PMA-3 (R or L)		30.09	91.83	36.52	96.88
PMA-4		26.87	88.00	32.80	92.81
PMA-5		37.10	139.33	45.62	145.31
PMA-6		41.88	104.50	48.12	110.69
PMA-7		24.90	117.08	34.98	131.08
PMA-8		22.29	53.33	27.46	57.06
PMA-9		16.92	51.00	21.12	52.77
PMA-10		31.56	94.83	38.58	99.88
PMA-11		38.57	147.37	47.68	153.35

