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## Standard Signs Manual

### WHAT'S NEW, CHANGED, DELETED

#### SIGN NUMBER                    TITLE

#### "R" SERIES: REGULATORY

##### GROUP 1 – RIGHT OF WAY

R1-1.....	STOP
R1-2.....	YIELD
R1-2a.....	TO ONCOMING TRAFFIC
R1-3.....	4-WAY
R1-4.....	ALL WAY
R1-6b.....	In Street & Post Mounted Ped Crossing Sign
R1-X1 .....	STOP FOR PEDESTRIAN IN CROSSWALK
R1-X2 .....	CROSS TRAFFIC DOES NOT STOP
R1-X3 .....	TAKE TURNS
R1-X4 .....	LOOK BOTH WAYS

##### GROUP 2 – SPEED

R2-1.....	SPEED LIMIT
R2-3.....	NIGHT (Speed limit)
R2-4.....	MINIMUM SPEED (Limit)
R2-4b.....	SPEED LIMIT — MINIMUM —
R2-5a.....	REDUCED SPEED AHEAD
R2-6a.....	FINES DOUBLE
R2-6c.....	END WORK ZONE SPEED
R2-7a.....	END SCHOOL SPEED ZONE
R2-X5 .....	BRIDGE SPEED LIMIT

##### GROUP 3 – TURNING MOVEMENT

R3-1.....	No Right Turn (Symbol)
R3-2.....	No Left Turn (Symbol)
R3-3.....	NO TURNS
R3-4.....	No U Turn (Symbol)
R3-5.....	Lane Use Turn Arrow
R3-5a.....	Lane Use Through Arrow
R3-6.....	Lane Use Turn, Straight Arrow
R3-7.....	Mandatory Turn
R3-8.....	Lane Use Control Signs
R3-8 Supplement .....	Lane Use Control Sign Arrows
R3-9a.....	Center Lane Left Turn Only (Symbol)
R3-9b.....	CENTER LANE – Left Turn (Symbol) – ONLY
R3-15.....	HOV LANE AHEAD
R3-15a.....	HOV LANE ENDS
R3-17.....	BIKE LANE (With Symbol)
R3-17a .....	AHEAD (Plaque)
R3-17b .....	ENDS (Plaque)
R3-X3 .....	Restricted Ramp

##### GROUP 4 – ALIGNMENT

R4-1.....	DO NOT PASS
R4-2.....	PASS WITH CARE

#### **GROUP 4 – ALIGNMENT – CONTINUED**

- R4-3..... SLOWER TRAFFIC KEEP RIGHT
- R4-3a..... SLOWER TRAFFIC MOVE RIGHT
- R4-4..... BEGIN RIGHT TURN LANE YIELD TO BIKES
- R4-5..... TRUCKS USE RIGHT LANE
- R4-6..... TRUCK LANE \_\_ FEET
- R4-7..... Keep Right (Symbol)
- R4-X1 ..... THRU TRAFFIC KEEP RIGHT
- R4-X2 ..... NO PASSING ON SHOULDER
- R4-X3 ..... NO DRIVING ON SHOULDER
- R4-X4 ..... TRUCK STOPPING LANE
- R4-X5 ..... STATE LAW
- R4-X6 ..... PASSING LANE \_\_ MILE(S) AHEAD
- R4-X7 ..... SHOULDER – AUTHORIZED BUSES ONLY
- R4-X7p..... END, BEGIN Plaques
- R4-X8 ..... BYPASS LANE
- R4-X8a..... BYPASS & TURN LANE

#### **GROUP 5 – EXCLUSION**

- R5-1..... DO NOT ENTER
- R5-1a..... WRONG WAY
- R5-2..... No Trucks (Symbol)
- R5-3..... NO MOTOR VEHICLES
- R5-6..... No Bicycles (Symbol)
- R5-10d..... Freeway Prohibition
- R5-X1 ..... No Snowmobiles (Symbol)
- R5-X2 ..... STATE PROPERTY KEEP OFF (OUT)
- R5-X3 ..... Mn/DOT Prohibition Signing
- R5-X4 ..... NO THRU TRAFFIC

#### **GROUP 6 – ONE WAY**

- R6-1..... ONE WAY (Arrow)
- R6-2..... ONE WAY (With Arrow)
- R6-3..... DIVIDED HIGHWAY (With Symbol)
- R6-3a..... DIVIDED HIGHWAY (With Symbol)
- R6-X1 ..... BEGIN (END) ONE WAY

#### **GROUP 7 – PARKING AND STOPPING – URBAN**

- R7-8m..... Disabled Parking (With Symbol)
- R7-8b..... VAN ACCESSIBLE (Plaque)
- R7-108..... Permissive Parking
- R7-X2 ..... NO TRUCK PARKING

#### **GROUP 8 – PARKING AND STOPPING – RURAL & URBAN**

- R8-3a..... No Parking (Symbol)
- R8-3ap ..... No Parking Variable Messages (Plaques)
- R8-4..... EMERGENCY PARKING ONLY
- R8-7..... EMERGENCY STOPPING ONLY
- R8-8..... DO NOT STOP ON TRACKS
- R8-41 ..... Park & Ride Parking Prohibition

## GROUP 9 – PEDESTRIAN AND BICYCLE

- R9-1..... WALK ON LEFT FACING TRAFFIC
- R9-2..... CROSS ONLY AT CROSS WALKS
- R9-3a..... No Pedestrians (Symbol)
- R9-5..... BIKES USE PED SIGNAL (With Symbol)
- R9-6..... BIKES YIELD TO PEDS (With Symbol)
- R9-7..... KEEP RIGHT – LEFT (Pedestrian & Bike Symbols)
- R9-9..... SIDEWALK CLOSED
- R9-9a..... TRAIL CLOSED

## GROUP 9 – PEDESTRIAN AND BICYCLE - CONTINUED

- R9-11b..... SIDEWALK CLOSED USE OTHER SIDE OF STREET
- R9-X1 ..... BIKES USE SHOULDER (With Symbol)
- R9-X2 ..... BIKES MUST USE BIKEWAY (With Symbol)

## GROUP 10 – TRAFFIC SIGNAL

- R10-1..... CROSS ON GREEN LIGHT ONLY
- R10-2..... CROSS ON WALK SIGNAL ONLY
- R10-3m..... PUSH BUTTON FOR GREEN LIGHT (With Arrow)
- R10-4b..... Pedestrian Push Button (Symbol)
- R10-5..... LEFT ON GREEN ARROW ONLY
- R10-6..... WAIT (STOP) HERE ON RED (With Arrow)
- R10-7..... DO NOT BLOCK INTERSECTION
- R10-7a ..... DO NOT BLOCK CROSSWALK
- R10-10..... RIGHT (LEFT) TURN SIGNAL
- R10-11b..... NO TURN ON RED
- R10-12..... LEFT TURN YIELD ON GREEN
- R10-X1 ..... WAIT ON STOP – GO ON SLOW
- R10-X4 ..... RAMP METERING BEGINS —
- R10-X6 ..... 1 CAR ON GREEN
- R10-X7 ..... FORM 2 LANES WHEN METERED
- R10-X10..... HOV Lane (Right Arrow)
- R10-X11..... HOV Lane (Left Arrow)
- R10-X12..... LEFT TURN YIELD ON FLASHING YELLOW (Arrow)

## GROUP 11 – CLOSURES

- R11-1..... KEEP OFF MEDIAN
- R11-2..... ROAD (STREET) (RAMP) CLOSED
- R11-2a ..... BRIDGE CLOSED (OUT)
- R11-3a ..... ROAD CLOSED \_\_ MILES AHEAD LOCAL TRAFFIC  
ONLY
- R11-3c ..... BRIDGE CLOSED \_\_ MILES AHEAD LOCAL TRAFFIC  
ONLY
- R11-4..... ROAD CLOSED TO THRU TRAFFIC

## GROUP 12 – WEIGHT LIMIT

- R12-1a ..... BRIDGE WEIGHT LIMIT \_\_ TONS
- R12-2..... AXLE WEIGHT LIMIT \_\_ TONS
- R12-5..... WEIGHT LIMIT (With Symbols)
- R12-5 Supplement ..... Advance Weight Limit Plaques
- R12-X2 ..... RESTRICTED BRIDGE \_\_ MILES AHEAD WEIGHT  
LIMIT \_\_ TONS

## GROUP 12 – WEIGHT LIMIT - CONTINUED

- R12-X2a ..... RESTRICTED BRIDGE \_\_ MILES AHEAD PERMIT  
WEIGHT LIMIT 45 TONS
- R12-X3 ..... TRUCKS MUST NOT MEET ON BRIDGE
- R12-X3a ..... VEHICLES MUST NOT MEET ON BRIDGE
- R12-X4 ..... RESTRICTED BRIDGE \_\_ MILES AHEAD WEIGHT  
LIMIT \_\_ TONS CLEARANCE \_\_ FT \_\_ IN
- R12-X4a ..... RESTRICTED BRIDGE \_\_ MILES AHEAD  
CLEARANCE \_\_ FT \_\_ IN
- R12-X5 ..... VEHICLES OVER \_\_ TONS AXLE WEIGHT USE  
TRUCK DETOUR
- R12-X11 ..... PERMIT WEIGHT LIMIT 45T

## GROUP 14 – TRUCK ROUTE

- R14-1 ..... TRUCK ROUTE

## GROUP 15 – RAILROAD

- R15-3 ..... EXEMPT
- R15-7 ..... Light Rail Divided Highway (Symbol)
- R15-7a ..... Light Rail Divided Highway (Symbol)

## GROUP 16 – MISCELLANEOUS

- R16-X1 ..... STATE LAW – STOP FOR SCHOOL BUS WHEN  
RED LIGHTS FLASHING
- R16-X2 ..... STATE LAW – TRUCKS AND VEHICLES WITH  
TRAILERS MUST MAINTAIN 500 FT INTERVAL
- R16-X3 ..... UP TO \$1000 FINE FOR LITTERING HIGHWAYS
- R16-X4 ..... Freeway Entrance Ramp Informational Sign
- R16-X6 ..... SIGNAL YOUR TURN
- R16-X7 ..... RIGHT LANE MUST EXIT
- R16-X8 ..... REST STOP 6 HR LIMIT – NO CAMPING
- R16-X9 ..... STATE LAW – UNLAWFUL TO PASS ON SHOULDER
- R16-X10 ..... NO FISHING FROM BRIDGE
- R16-X11 ..... STATE LAW – SEAT BELT USE REQUIRED
- R16-X12 ..... Seat Belts Fastened? (Symbol)
- R16-X13 ..... VEHICLE NOISE LAWS ENFORCED
- R16-X14 ..... FINES DOUBLE IN WORK ZONES
- R16-X15 ..... STATE LAW – MOVE OVER FOR STOPPED  
EMERGENCY VEHICLES
- R16-X16 ..... DO NOT CROSS DOUBLE WHITE LINE
- R16-X33 ..... CHECK YOUR TURN SIGNAL

## “W” SERIES: WARNING

### GROUP 1 – CHANGES IN HORIZONTAL ALIGNMENT

- W1-1 ..... Turn
- W1-2 ..... Curve
- W1-3 ..... Reverse Turn
- W1-4 ..... Reverse Curve
- W1-4b ..... 2 Lane Shift

## GROUP 1 – CHANGES IN HORIZONTAL ALIGNMENT - CONTINUED

- W1-4c ..... 3 Lane Shift
- W1-5 ..... Winding Road
- W1-6 ..... Large Single Head Arrow
- W1-7 ..... Large Double Head Arrow
- W1-8 ..... Chevron Alignment
- W1-10 ..... Horizontal Alignment

## GROUP 2 – INTERSECTION

- W2-1 ..... Cross Road
- W2-1a(R) ..... Offset Cross Road
- W2-1a(L) ..... Offset Cross Road
- W2-2 ..... 90 Degree Side Road
- W2-3 ..... 45 Degree Side Road
- W2-4 ..... "T" Intersection
- W2-5 ..... "Y" Intersection
- W2-6a ..... Roundabout
- W2-6ap ..... ROUNDABOUT (Plaque)
- W2-X1 ..... HIDDEN INTERSECTION AHEAD
- W2-X12 ..... HIDDEN ENTRANCE

## GROUP 3 – ADVANCE WARNING OF CONTROL DEVICE

- W3-1 ..... Stop Ahead (Symbol)
- W3-2 ..... Yield Ahead (Symbol)
- W3-3 ..... Signal Ahead (Symbol)
- W3-4 ..... BE PREPARED TO STOP
- W3-5 ..... Speed Reduction
- W3-X1 ..... RAMP METER AHEAD
- W3-X4 ..... PREPARE TO STOP WHEN FLASHING
- W3-X5 ..... TRAFFIC CONTROL CHANGE AHEAD

## GROUP 4 – MERGING TRAFFIC

- W4-1 ..... Merge (Symbol)
- W4-2 ..... Lane Reduction Transition (Symbol)
- W4-3 ..... Added Lane (Symbol)
- W4-X1 ..... TRAFFIC MERGING FROM RIGHT (LEFT)

## GROUP 5 – NARROW ROADWAY

- W5-1 ..... ROAD NARROWS
- W5-2 ..... NARROW BRIDGE
- W5-3 ..... ONE LANE BRIDGE
- W5-4a ..... BIKEWAY NARROWS
- W5-X1 ..... SHOULDER NARROWS

## GROUP 6 – CHANGES IN HIGHWAY DESIGN

- W6-1 ..... Divided Highway (Symbol)
- W6-2 ..... Divided Highway Ends (Symbol)
- W6-3 ..... Two Way Traffic (Symbol)
- W6-4 ..... Opposing Traffic Lane Divider (Symbol)

## GROUP 7 – GRADES

- W7-1 ..... Hill (Symbol)
- W7-1b ..... Hill (With Grade Percentage)
- W7-2b ..... TRUCKS USE LOWER GEAR (Plaque)

## GROUP 7 – GRADES - CONTINUED

- W7-3 ..... % GRADE (Plaque)
- W7-3a..... NEXT \_\_ MILE(S) (Plaque)
- W7-3b..... % GRADE \_\_ MILES (Plaque)
- W7-5 ..... Hill (Bike Symbol)

## GROUP 8 – ROADWAY CONDITIONS

- W8-1a..... BUMP AHEAD (Optional Arrow)
- W8-1b..... BUMPS
- W8-2 ..... DIP
- W8-3 ..... PAVEMENT ENDS
- W8-4 ..... SOFT SHOULDER
- W8-5 ..... Slippery When Wet (Symbol)
- W8-7 ..... LOOSE GRAVEL
- W8-8 ..... ROUGH ROAD
- W8-9 ..... LOW SHOULDER
- W8-9b..... SHOULDER DROP-OFF
- W8-10..... Slippery When Wet (Bike Symbol)
- W8-11..... UNEVEN LANES
- W8-12..... NO CENTER STRIPE
- W8-X2 ..... ROAD SUBJECT TO FLOODING
- W8-X3 ..... GROOVED PAVEMENT
- W8-X13 ..... ROUGH CROSSING

## GROUP 9 – LANE DROP

- W9-1 ..... LEFT (RIGHT) LANE ENDS
- W9-2 ..... LANE ENDS MERGE RIGHT (LEFT)

## GROUP 10 – RAILROAD CROSSING

- W10-1..... Railroad Advance Warning
- W10-1a..... EXEMPT (Symbol)
- W10-2..... Railroad Advance (Parallel Tracks)
- W10-3..... Railroad Advance (Parallel Tracks)
- W10-4..... Railroad Advance (Parallel Tracks)
- W10-9..... NO TRAIN HORN
- W10-11a ..... \_\_ FEET BETWEEN TRACKS & HIGHWAY
- W10-11b..... \_\_ FEET BETWEEN HIGHWAY & TRACKS  
BEHIND YOU
- W10-X1 ..... Track Angle (Symbol)
- W10-X2 ..... HIDDEN CROSSING
- W10-X3 ..... LOOK FOR TRAINS (With Arrows)

## GROUP 11 – CROSSING AND ENTERING

- W11-1..... Bike Crossing (Symbol)
- W11-2..... Pedestrian Crossing (Symbol)
- W11-3..... Deer Crossing (Symbol)
- W11-4..... Cattle Crossing (Symbol)
- W11-5..... Farm Machinery (Symbol)
- W11-6..... Snowmobile Crossing (Symbol)
- W11-7..... Equestrian Crossing (Symbol)
- W11-8..... Fire Station (Symbol)
- W11-9..... Disabled Crossing (Symbol)

**GROUP 11 – CROSSING AND ENTERING - CONTINUED**

- W11-10.....Truck Crossing (Symbol)
- W11-X2 .....Horse and Buggy (Symbol)
- W11-X3 .....TRUCKS ENTERING
- W11-X7 .....TRAIL CROSSING
- W11-X21.....Duck Crossing (Symbol)
- W11-X22.....Moose Crossing (Symbol)
- W11-X23.....Turtle Crossing (Symbol)
- W11-X23p.....RARE TURTLE CROSSING

**GROUP 12 – OBSTRUCTIONS**

- W12-1.....Double Arrow
- W12-2.....Low Clearance Advance
- W12-2p.....Low Clearance (Mounted on Structure)
- W12-X2 .....Low Clearance (With Arrows) (Mount at Point Of Minimum Clearance)

**GROUP 13 – ADVISORY SPEEDS**

- W13-1.....Advisory Speed (Plaque)
- W13-2.....Advisory Exit Speed

**GROUP 14 – MISCELLANEOUS**

- W14-1.....DEAD END
- W14-3.....NO PASSING ZONE
- W14-X1 .....WATCH FOR FALLEN ROCK
- W14-X2 .....WATCH FOR SLOW TRAFFIC
- W14-X3 .....WEIGHT RESTRICTION AHEAD
- W14-X8 .....ACCIDENT AHEAD
- W14-X9 .....WATCH FOR BUSES ON SHOULDER
- W14-X10.....Bus on Shoulder Warning (Symbol)
- W14-X11.....EVENT CONGESTION AHEAD

**GROUP 15 –**

- W15-1.....Playground (Symbol)

**GROUP 16 – WARNING SIGN PLAQUES**

- W16-1a .....SHARE THE ROAD
- W16-7mp .....Down Arrow (Plaque)
- W16-9p .....AHEAD (Plaque)

**GROUP 20 – CONSTRUCTION**

- W20-1.....ROAD WORK AHEAD
- W20-2.....DETOUR AHEAD
- W20-3.....ROAD CLOSED AHEAD
- W20-3a.....TRAIL CLOSED AHEAD
- W20-4.....ONE LANE ROAD AHEAD
- W20-7a.....Flagger Ahead (Symbol)
- W20-100p .....Variable Distance Plaques
- W20-X3 .....MERGE (With Demountable Arrow)
- W20-X4 .....BRIDGE CLOSED AHEAD
- W20-X6 .....BYPASS AHEAD

## GROUP 20 – CONSTRUCTION - CONTINUED

- W20-X9 ..... BRIDGE WORK AHEAD
- W20-X10..... SIGNAL WORK AHEAD
- W20-X11..... Reduced Width (With Arrows)
- W20-X12..... CENTER LANE MERGE LEFT
- W20-X13..... RIGHT (LEFT) TWO LANES CLOSED
- W20-X16..... RAMP CLOSED AHEAD
- W20-X17..... LANES NARROW
- W20-X18..... TURN LANE CLOSED

## GROUP 21 – MAINTENANCE AND MINOR CONSTRUCTION

- W21-1a ..... Worker Ahead (Symbol)
- W21-2..... FRESH OIL
- W21-6a ..... SURVEY CREW AHEAD
- W21-X1 ..... NO SHOULDER
- W21-X3 ..... MERGE (With Demountable Arrow)
- W21-X4 ..... ROAD WORK AHEAD (Mobile Operations)
- W21-X4 Supplement .... W21-X4 Overlays
- W21-X4a..... RIGHT (LEFT) LANE CLOSED (For Mobile Operations)
- W21-X5 ..... RIGHT (LEFT) LANE CLOSED
- W21-X6 ..... CREW WORKING AHEAD
- W21-X7 ..... Flagger Paddle
- W21-X8 ..... MINIMUM MAINTENANCE ROAD
- W21-X9 ..... HIGH SHOULDER
- W21-X10..... Striper Train Signing
- W21-X11..... Striper Train Signing
- W21-X12..... Striper Train Signing
- W21-X13..... Striper Train Signing

## GROUP 22 – BLASTING ZONE

- W22-1..... BLASTING ZONE AHEAD
- W22-2b..... Blasting Area Prohibition
- W22-3..... END BLASTING ZONE

# “M” SERIES: ROUTE MARKERS & AUXILIARIES

## GROUP 1 – ROUTE MARKERS

- M1-1 ..... Interstate Route Marker
- M1-2..... Off Interstate Business Loop Marker
- M1-3..... Off Interstate Business Spur Marker
- M1-4..... Independent U.S. Route Marker
- M1-4a ..... Overlay U.S. Route Marker
- M1-5a ..... Independent Minnesota Route Marker
- M1-5b ..... Overlay Minnesota Route Marker
- M1-6..... Independent Pentagon County Route Marker
- M1-6a ..... Overlay Pentagon County Route Marker
- M1-X1..... Great River Road Marker
- M1-X1p..... NATIONAL ROUTE (Plaque)
- M1-X3..... Township Route Marker
- M1-X4..... Independent County Route Marker
- M1-X4a ..... Overlay County Route Marker

**GROUP 2 – JUNCTION, BEGIN**

M2-1 .....	JCT (White)
M2-1a .....	JCT (Blue)
M2-X1.....	BEGIN (White)
M2-X1a.....	BEGIN (Blue)

**GROUP 3 – CARDINAL DIRECTION**

M3-1m .....	NORTH (White)
M3-1ma.....	NORTH (Blue)
M3-2m .....	EAST (White)
M3-2ma.....	EAST (Blue)
M3-3m .....	SOUTH (White)
M3-3ma.....	SOUTH (Blue)
M3-4m .....	WEST (White)
M3-4ma.....	WEST (Blue)

**GROUP 4 – ALTERNATIVE, TRAILBLAZER, TERMINATION**

M4-1 .....	ALTERNATE
M4-1a .....	ALT
M4-2a .....	BYPASS
M4-3 .....	BUSINESS
M4-4 .....	TRUCK
M4-5 .....	TO (White)
M4-5a .....	TO (Blue)
M4-6 .....	END (White)
M4-6a .....	END (Blue)
M4-7 .....	TEMPORARY
M4-8 .....	DETOUR (Auxiliary)
M4-8a .....	END DETOUR
M4-9m .....	DETOUR (With Arrow)
M4-9ma.....	Bicycle, Pedestrian Detour
M4-9mb .....	Pedestrian Detour
M4-9mc.....	Bicycle Detour
M4-10.....	DETOUR (Arrow)
M4-11 .....	BEGIN (Bike Trail Plaque)
M4-12 .....	END (Bike Trail Plaque)
M4-13 .....	TO (Bike Trail Plaque)
M4-X1.....	OLD (White)
M4-X1a.....	OLD (Blue)

**GROUP 5 – ADVANCE DIRECTIONAL ARROWS**

M5-1 .....	Advance Turn Arrow – 90° (White)
M5-1a .....	Advance Turn Arrow – 90° (Blue)
M5-2 .....	Advance Turn Arrow – 45° (White)
M5-2a .....	Advance Turn Arrow – 45° (Blue)

**GROUP 6 – DIRECTIONAL ARROWS**

M6-1 .....	Directional Arrow – Single Head Horizontal (White)
M6-1a .....	Directional Arrow – Single Head Horizontal (Blue)
M6-2.....	Directional Arrow – Single Head 45° (White)
M6-2a .....	Directional Arrow – Single Head 45° (Blue)
M6-3.....	Directional Arrow – Single Head Vertical (White)

## **GROUP 6 – DIRECTIONAL ARROWS - CONTINUED**

- M6-3a ..... Directional Arrow – Single Head Vertical (Blue)
- M6-4 ..... Directional Arrow – Double Head Horizontal (White)
- M6-4a ..... Directional Arrow – Double Head Horizontal (Blue)
- M6-5 ..... Directional Arrow – Double Head 45° (White)
- M6-5a ..... Directional Arrow – Double Head 45° (Blue)
- M6-6 ..... Directional Arrow – Double Head 90° Bent (White)
- M6-6a ..... Directional Arrow – Double Head 90° Bent (Blue)
- M6-7 ..... Directional Arrow – Double Head 45° Bent (White)
- M6-7a ..... Directional Arrow – Double Head 45° Bent (Blue)

## **GROUP 7 – DIRECTIONAL ARROWS FOR BIKE TRAIL USE ONLY**

- M7-1 ..... Directional Arrow – Single Head Horizontal (Green)
- M7-2 ..... Directional Arrow – Single Head Vertical (Green)
- M7-3 ..... Directional Arrow – Double Head 45° (Green)
- M7-4 ..... Directional Arrow – Single Head 45° (Green)
- M7-5 ..... Directional Arrow – Double Head Horizontal (Green)
- M7-6 ..... Directional Arrow – Double Head 90° Bent (Green)
- M7-7 ..... Directional Arrow – Double Head 45° Bent (Green)

## **"G" SERIES: CONSTRUCTION INFORMATION**

### **GROUP 20 – WORK INFORMATION**

- G20-1 ..... ROAD WORK NEXT \_\_ MILES
- G20-2a ..... END ROAD WORK
- G20-4 ..... PILOT CAR FOLLOW ME
- G20-X1 ..... ROAD (BRIDGE) (RAMP) Closure Notice
- G20-X2 ..... Work Zone Location Advance Notice
- G20-X3 ..... WORK ENDS \_\_
- G20-X4 ..... Construction Zone Business Signing
- G20-X5 ..... Contractor Identification Signing
- G20-X6 ..... BUSINESS ACCESS (With Arrow)

## **"S" SERIES: SCHOOL WARNING**

### **GROUP 1 – ADVANCE AND CROSSING**

- S1-1 ..... School Crossing (Symbol)

### **GROUP 2 – CROSSING**

### **GROUP 3 – SCHOOL BUS STOP**

- S3-1 ..... SCHOOL BUS STOP AHEAD
- S3-2 ..... SCHOOL BUS LOADING AREA

### **GROUP 4 –**

- S4-2 ..... WHEN CHILDREN ARE PRESENT (Plaque)
- S4-3 ..... SCHOOL (Plaque)
- S4-4 ..... WHEN FLASHING (Plaque)

### **GROUP 5 –**

- S5-2 ..... END SCHOOL ZONE

## **"D" SERIES: GUIDE SIGNS – CONVENTIONAL ROADS**

### **GROUP 1 – DESTINATION**

- D1-X1 ..... BUSINESS DISTRICT (With Arrow)
- D1-X2 ..... FRONTAGE ROAD (With Arrow)
- D1-X3 ..... SANITARY LANDFILL (With Arrow)
- D1-X4 ..... AIRPORT (With Arrow)
- D1-X5 ..... SOLID WASTE TRANSFER STATION (With Arrow)
- D1-X6 ..... RECYCLING CENTER (With Symbol & Arrow)
- D1-X7 ..... HHW CENTER (With Arrow)
- D1-X8 ..... DEMOLITION LANDFILL (With Arrow)

### **GROUP 2 – MILEAGE**

### **GROUP 3 – STREET OR ROAD NAMES**

- D3-X1 ..... Mast Arm Mounted Street Name

### **GROUP 4 – PARKING AREA**

- D4-1 ..... PARKING (With Arrow)
- D4-2 ..... PARK & RIDE (With Arrow)
- D4-2a ..... PARK & RIDE (For on Site Use)

### **GROUP 5 – REST AREA**

- D5-X1 ..... WAYSIDE REST ½ MILE ON RIGHT (LEFT)
- D5-X1a ..... FIREPLACES, TOILETS, WATER, TELEPHONE,  
TOURIST INFO (Plaques)
- D5-X1b ..... HISTORICAL MARKER
- D5-X1c ..... GEOLOGICAL MARKER
- D5-X2 ..... WAYSIDE REST (With Arrow)

### **GROUP 6 – SCENIC AREA**

- D6-2a ..... SCENIC OVERLOOK ½ MILE ON RIGHT (LEFT)
- D6-3a ..... SCENIC OVERLOOK (With Arrow)

### **GROUP 7 – RECREATION AND CULTURAL AREAS**

- D7-X1 ..... GEOLOGICAL MARKER ½ MILE ON RIGHT (LEFT)
- D7-X2 ..... GEOLOGICAL MARKER (With Arrow)
- D7-X5 ..... HISTORICAL MARKER ½ MILE ON RIGHT (LEFT)
- D7-X5a ..... HISTORIC SITE ½ MILE ON RIGHT (LEFT)
- D7-X6 ..... HISTORICAL MARKER (With Arrow)
- D7-X7 ..... Public Boat Launch (With Arrow & Symbol)
- D7-X7a ..... Public Canoe Access (With Arrow & Symbol)
- D7-X8 ..... Boat Launch Trailblazer (Symbol)
- D7-X8a ..... Canoe Launch Trailblazer (Symbol)
- D7-X9 ..... STATE PARK (With Arrow)
- D7-X10 ..... CITY PARK (With Arrow)
- D7-X11 ..... HISTORIC SITE (With Arrow)
- D7-X12 ..... COUNTY MUSEUM (With Arrow)
- D7-X13 ..... Downhill Ski Area (Symbol)
- D7-X14 ..... Cross Country Ski Area (Symbol)
- D7-X15 ..... COUNTY PARK (With Arrow)
- D7-X16 ..... COUNTY FAIRGROUND (With Arrow)

## **GROUP 7 – RECREATION AND CULTURAL AREAS - CONTINUED**

- D7-X17 ..... INDUSTRIAL PARK (With Arrow)
- D7-X18 ..... WORKFORCE CENTER (With Arrow)
- D7-X19 ..... HIGH SCHOOL (With Arrow)
- D7-Xp ..... 24" Recreational & Cultural Interest Symbol Signs
- D7-Xp ..... 18" Recreational & Cultural Interest Symbol Signs

## **GROUP 8 – WEIGH STATIONS**

### **GROUP 9 – MOTORIST SERVICES**

- D9-1a..... Phone Symbol (With Arrow)
- D9-1b..... Phone Symbol (With Mileage)
- D9-1p..... TTY Symbol
- D9-2a..... Hospital Trailblazer (With Symbol, Arrow, Blocks)
- D9-2b..... Hospital Directional (Non Freeway)
- D9-10a..... TOURIST INFO (With Arrow)
- D9-X1 ..... Disabled Services (With Arrow) (Freeway Rest Area)
- D9-X2 ..... Disabled Services (Symbol) (Non Freeway Use)
- D9-X3 ..... RESORTS (With Arrows)
- D9-X4 ..... CAMPING (With Arrows)
- D9-X6 ..... Specific Service Signing

## **GROUP 10 – MILEPOSTS**

- D10-1 ..... Milepost Marker
- D10-2 ..... Milepost Marker
- D10-3 ..... Milepost Marker
- D10-5a..... Enhanced Mile Marker
- D10-X2 ..... Highway Number Plate

## **GROUP 11 – TRAILS**

- D11-1 ..... BIKE ROUTE (With Symbol)

## **GROUP 12 – MISCELLANEOUS**

- D12-2a..... GOING TO WORK? TRY RIDESHARE (With Phone #)
- D12-4m..... EMERGENCY DIAL 911
- D12-5a..... ROAD/WEATHER INFORMATION 511

## **"I" SERIES: INFORMATIONAL**

### **GROUP 1 –**

- I1-1 ..... SIGNALS SET FOR \_\_ MPH

### **GROUP 2 – BOUNDARIES**

- I2-3 ..... City Name Marker (With Population)
- I2-5 ..... County Name Marker
- I2-10 ..... WELCOME TO MINNESOTA
- I2-12 ..... VISIT AGAIN

### **GROUP 3 – GEOGRAPHICAL**

- I3-1 ..... Lake or Stream Name Marker

## GROUP 4 – GENERAL INFORMATION

- I-5..... Airport (Symbol)
- I-8..... Library (Symbol)
- I-11m..... Recycle (Symbol)
- I-X1 ..... ADOPT A HIGHWAY (REST AREA)
- I-X1p..... DISPOSAL BY \_\_

## “E” SERIES: GUIDE SIGNS – EXPRESSWAY, FREEWAY

### GROUP 1 – DESTINATION OR INTERCHANGE

- E1-6..... FREEWAY ENTRANCE

### GROUP 2 – NEXT EXIT SUPPLEMENTAL

### GROUP 3 – SUPPLEMENTAL GUIDE

- E3-X1..... HOSPITAL (Overlay)

### GROUP 4 – EXIT DIRECTIONAL

### GROUP 5 – GORE SIGNS

- E5-1 ..... EXIT (With Arrow)
- E5-1b ..... 72" X 60" EXIT (With Arrow and Exit Number)
- E5-1b ..... 84" Height EXIT (With Arrow and Exit Number)
- E5-2m ..... REST AREA (With Arrow)

### GROUP 6 – OVERHEAD GORE SIGNS

### GROUP 7 – MILEAGE

### GROUP 8 – INTERCHANGE SEQUENCE

### GROUP 9 – NEXT EXITS

### GROUP 10 – MOTORIST SERVICES

- E10-1 ..... GAS – DIESEL – E85 – LP-GAS – FOOD – LODGING – CAMPING EXIT \_\_
- E10-1 Supplement ..... E10-1 Overlays
- E10-3 ..... HOSPITAL EXIT \_\_ (NEXT) (SECOND) RIGHT
- E10-4 ..... HOSPITAL \_\_ MI (With Arrow)
- E10-5 ..... GAS (With Arrows)
- E10-6 ..... FOOD (With Arrows)
- E10-7 ..... LODGING (With Arrows)
- E10-8 ..... HOSPITAL (With Arrow)
- E10-9 ..... CAMPING (With Arrows)
- E10-10 ..... DIESEL (With Arrows)
- E10-11 ..... LP-GAS (With Arrows)
- E10-12 ..... E85 (With Arrows)

### GROUP 11 – EXIT ONLY WARNING

- E11-1b ..... ONLY (Overlay)
- E11-X1 ..... LEFT EXIT (Overlay)
- E11-X2 ..... PROHIBITED VEHICLES (Overlay)

**GROUP 12 – TERMINATION**

E12-1 ..... FREEWAY ENDS \_\_ MILE

**"X" SERIES: MISCELLANEOUS****GROUP 1 – GENERAL INFORMATION**

X1-1 ..... BEGIN \_\_ MILE ODOMETER CHECK \_\_ FT AHEAD  
X1-2 ..... BEGIN (END) ODOMETER CHECK HERE  
X1-3 ..... MILE \_\_ (Odometer Check)  
X1-5 ..... AIRCRAFT APPROACH AREA

**GROUP 2 –****GROUP 3 – STATE PROPERTY**

X3-1 ..... R/W Boundary Marker  
X3-2 ..... R/W Access Control Marker  
X3-3 ..... Scenic Easement Marker  
X3-4 ..... \_\_ FEET (Scenic Easement)

**GROUP 4 – MARKERS**

X4-2 ..... Hazard Marker  
X4-3 ..... Culvert Marker  
X4-4 ..... Clearance Marker  
X4-5 ..... Snowplow Marker  
X4-6 ..... Guide Delineator  
X4-7 ..... Alignment Delineator  
X4-8 ..... One Tenth Mile Delineator  
X4-11 ..... End of Roadway Marker  
X4-12 ..... BRIDGE NO. \_\_  
X4-13 ..... Cylinder Style Delineator  
X4-24 ..... Fire Hydrant Sign

## STANDARD SIGN DETAILS

TITLE	PAGE NUMBER
Fractions .....	101
Arrows.....	102
Double Head Arrows .....	102A
Double Head Arrows – 90° .....	102B
Advance Turn Arrows – 45° .....	103
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Punching Codes J, K, L .....	109
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## PAVEMENT MESSAGES

NUMBER .....	TITLE
PM-1.....	Straight Arrow
PM-2.....	Turn Arrow
PM-3.....	Turn & Straight Arrow
PM-4.....	Left & Right Turn Arrow
PM-5.....	Left & Right Turn, Straight Arrow
PM-6.....	Transition Arrow
PM-7.....	Word Messages
PM-8.....	Bike Lane Symbol
PM-9.....	Bike Trail Symbol
PM-10.....	HOV Symbol
PM-11.....	RR Crossing Message