

**PART 2. SIGNS**  
**Chapter 2H. General Information Signs**  
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MN Rev. 2

# PART 2. SIGNS

## Chapter 2H. General Information Signs

### 2H.1 Sizes of General Information Signs

**STANDARD:**

Except as provided in Section 2A.11, the sizes of General Information signs that have a standardized design shall be as shown in Table 2H-1.

**SUPPORT:**

Section 2A.11 contains information regarding the applicability of the various columns in Table 2H-1.

**OPTION:**

Signs larger than those shown in Table 2H-1 may be used (see Section 2A.11).

### 2H.2 General Information Signs (I Series)

**SUPPORT:**

Of interest to the traveler, though not directly necessary for guidance, are numerous kinds of information that can properly be conveyed by General Information signs or miscellaneous information signs (see Section 2H.4). They include such items as State lines, city limits, other political boundaries, time zones, stream names, elevations, landmarks, and similar items of geographical interest, and safety and transportation-related messages. Chapter 2M contains recreational and cultural interest area symbol signs that are sometimes used in combination with General Information signs.

**GUIDANCE:**

General Information signs should not be installed within a series of guide signs or at other equally critical locations, unless there are specific reasons for orienting the road user or identifying control points for activities that are clearly in the public interest. On all such signs, the designs should be simple and dignified, devoid of any advertising, and in general compliance with other guide signing.

**STANDARD:**

Except for political boundary signs, General Information signs shall have white legends and borders on green rectangular-shaped backgrounds.

When a sign is used to display a safety or transportation-related message, the display format shall not be of a type that would be considered similar to advertising displays. Messages and symbols that resemble any official traffic control device shall not be used on safety or transportation-related message signs.



I-5



I-6



I-7



I-8



I-9

**OPTION:**

An information symbol sign (I-5 through I-9) may be used to identify a route leading to a transportation or general information facility, or to provide additional guidance to the facility. The symbol sign may be supplemented by an educational plaque where necessary; also, the name of the facility may be used if needed to distinguish between similar facilities.



M5-1



M5-2



M6-1



M6-2



M6-3

The Advance Turn (M5 series) or Directional Arrow (M6 series) auxiliary signs with white arrows on green backgrounds may be used with General Information symbol signs to create a General Information Directional Assembly.

Guide signs for commercial service airports and non-carrier airports may be provided from the nearest Interstate, other freeway, expressway or conventional highway intersection directly to the airport, normally not to exceed 15 miles. These airports are normally signed with a legend containing the airport name and the appropriate directional message or arrow.

Sign	Sign Designation	Section	Conventional Road	Freeway or Expressway
Business District w/arrow	D1-X1	2H.7.1	42 x 36	54 x 48
Sanitary Landfill w/arrow	D1-X3	2H.7.1	36 x 24	54 x 36
Airport w/arrow	D1-X4	2H.2	48 x 12	60 x 18
Solid Waste Transfer Station w/arrow	D1-X5	2H.7.1	72 x 36	96 x 48
Recycle Center w/logo and arrow	D1-X6	2H.2.1	78 x 36	108 x 48
Reference Location (1 digit)	D10-1	2H.5	10 x 18	12 x 24
Intermediate Reference Location (2 digits)	D10-1a	2H.5	10 x 27	12 x 36
Reference Location (2 digits)	D10-2	2H.5	10 x 27	12 x 36
Intermediate Reference Location (3 digits)	D10-2a	2H.5	10 x 36	12 x 48
Reference Location (3 digits)	D10-3	2H.5	10 x 36	12 x 48
Intermediate Reference Location (4 digits)	D10-3a	2H.5	10 x 48	12 x 60
Enhanced Reference Location	D10-4	2H.6	18 x 54	18 x 54
Intermediate Enhanced Reference Location	D10-5	2H.6	18 x 60	18 x 60
Signals Set for XX MPH	I1-1	2H.3	24 x 36	---
Adopt-A-Highway	I1-X1	2H.8	60 x 36	60 x 36
City Name Marker (1 line name)	I2-3	2H.2.2	Varies x 24	Varies x 36
City Name Marker (2 line names)	I2-3	2H.2.2	Varies x 36	Varies x 48
County Name Marker	I2-5	2H.2.2	Varies x 24	Varies x 36
Lake and Stream Name (1 line name)	I3-1	2H.2.3	Varies x 18	Varies x 24
Lake and Stream Name (2 line names)	I3-1	2H.2.3	Varies x 24	Varies x 36
Airport	I-5	2H.2	24 x 24	30 x 30
Bus Station	I-6	2H.2	24 x 24	30 x 30
Train Station	I-7	2H.2	24 x 24	30 x 30
Library	I-8	2H.2	24 x 24	30 x 30
Vehicle Ferry Terminal	I-9	2H.2	24 x 24	30 x 30
Recycle Collection Center	I-11	2H.2	30 X 48	---
Light Rail Transit Station	I-12	2H.2	24 x 24	---

\* The size shown is the maximum size for the corresponding roadway classification. The size of the sign and acknowledgment logo should be appropriately reduced where shorter legends are used.

\*\* The size shown is for the typical sign illustrated in the figure. The size should be determined based on the amount of legend required for the sign.

Notes: 1. Larger signs may be used when appropriate, except for the D14 series signs  
 2. Dimensions in inches are shown as width x height

**Table 2H-1. General Information Sign Sizes**



Example of direction assembly

The Airport (I-5) symbol sign along with a supplemental plaque may be used to indicate the specific name of the airport. An Airport symbol sign, with or without a supplemental name plaque or the word AIRPORT, and an arrow may be used as a trailblazer.



D1-X4

**STANDARD:**

Adequate trailblazer signs shall be in place prior to installing the airport guide signs.

**SUPPORT:**

Location and placement of all airport guide signs depends upon the availability of longitudinal spacing on highways.

**OPTION:**

The pictograph of a political jurisdiction (such as a State, county, or municipal corporation) may be displayed on a political boundary General Information sign.

**STANDARD:**

If used, the height of a pictograph on a political boundary General Information sign shall not exceed two times the height of the upper-case letters of the principal legend on the sign. The pictograph shall comply with the provisions of Section 2A.6.

## 2H.2.1 Recycling Collection Center Signs (D1-X6, I-11)



I-11

**OPTION:**

The Recycling Collection Center (I-11) symbol sign may be used to direct road users to recycling collection centers.

The Recycling Collection Center sign may be installed to provide direction to those facilities which have complied with the permit rules, and been designated a recycling center by, the Minnesota Pollution Control Agency. (see Minnesota Statutes 115A.555 and 173.086)

To be designated a recycling collection center, a facility must:

- A. be open a minimum of twelve operating hours each week, 12 months each year, and
- B. must accept at least four different materials such as paper, glass, plastic, and metal.



D1-X6

**STANDARD:**

The D1-X6 Recycling Center sign shall be installed on MnDOT maintained roadways to provide the initial guidance to the facility. Trailblazing through the use of the I-11 symbol sign along with appropriate directional arrows (M7 series) shall be installed to provide direction to the facility.

The recycling facility shall pay for all costs to fabricate and install the signs.

**GUIDANCE:**

The Recycling Collection Center symbol sign should not be used on freeways and expressways.

**STANDARD:**

If used on freeways or expressways, the Recycling Collection Center symbol sign shall be considered one of the supplemental sign destinations.

**2H.2.2 County/City Name Marker Signs (I2-3, I2-5)**



I2-3



I2-5

**SUPPORT:**

The County Name Marker (I2-5) sign is placed at all county line boundaries on the trunk highway system.

**OPTION:**

The City Name Marker (I2-3) sign may be used by all cities throughout the state to designate the boundaries of their jurisdiction. When used, it should be installed at or near the municipal limits of a city.

**GUIDANCE:**

All incorporated cities should have the current population figure on their City Name Marker signs. This figure will be taken from the last official Federal or State census. Unincorporated communities, which do not have official current population figures but still warrant a City Name Marker sign, should have only their town name on the sign.

**STANDARD:**

There shall be no other signs designating items such as County Land Use Zoning laws, Township boundaries, "Radar Patrolled", etc. installed or retained on County Marker signs or their structures or on any other sign assemblies on trunk highways.

**GUIDANCE:**

When a county feels a need for this type of sign the local road authority should review the request and may permit the separate installation, within a developed area, as long as it does not interfere with other traffic signs or devices on the trunk highway.

**2H.2.3 Lake and Stream Name Sign (I3-1)**



I3-1

**OPTION:**

The Lake and Stream Name (I3-1) sign may be used to show the name of any lake, river, creek, or stream when that body of water is crossed over by the roadway through the use of a bridge or that body of water is visible to the motorist from the roadway.

**2H.3 Traffic Signal Speed Sign (I1-1)**



I1-1

**OPTION:**

The Traffic Signal Speed (I1-1) sign, reading SIGNALS SET FOR XX MPH, may be used to indicate a section of street or highway on which the traffic control signals are coordinated into a progressive system timed for a specified speed at all hours during which they are operated in a coordinated mode.

If different system progression speeds are set for different times of the day, a changeable message element may be used for the numerals of the Traffic Signal Speed (I1-1) sign. If the system is operated in coordinated mode only during certain times, a blank-out version of the Traffic Signal Speed (I1-1) sign may be used to display the message only during those times.

**GUIDANCE:**

If used, the sign should be mounted as near as practical to each intersection where the timed speed changes, and at intervals of several blocks throughout any section where the timed speed remains constant.

**STANDARD:**

The Traffic Signal Speed sign shall be a minimum of 24 x 36 inches with the longer dimension vertical. It shall have a white message and border on a green background.

## 2H.4 Miscellaneous Information Signs

**SUPPORT:**

Miscellaneous information signs are used to point out geographical features, such as rivers and summits, and other jurisdictional boundaries (see Section 2H.2).

**OPTION:**

Miscellaneous information signs may be used if they do not interfere with signing for interchanges or other critical points.

**GUIDANCE:**

Miscellaneous information signs should not be installed unless there are specific reasons for orienting the road users or identifying control points for activities that are clearly in the public interest. If Miscellaneous information signs are to be of value to the road user, they should be consistent with other guide signs in design and legibility. On all such signs, the design should be simple and dignified, devoid of any tendency toward flamboyant advertising, and in general compliance with other signing.

### 2H.5 Reference Location Signs (D10-1 through D10-3) and Intermediate Reference Location Signs (D10-1a through D10-3a)



D10-1



D10-2



D10-3



D10-1a



D10-2a



D10-3a

**SUPPORT:**

There are two types of reference location signs:

- A. Reference Location (D10-1, 2, and 3) signs show an integer distance point along a highway, and
- B. Intermediate Reference Location (D10-1a, 2a, and 3a) signs also show a decimal between integer distance points along a highway.

**STANDARD:**

Except when Enhanced Reference Location signs (see Section 2H.6) are used instead, Reference Location (D10-1 through D10-3) signs shall be placed on all expressway facilities that are located on a route where there is reference location sign continuity and on all freeway facilities to assist road users in estimating their progress, to provide a means for identifying the location of emergency incidents and traffic crashes, and to aid in highway maintenance and servicing.

**OPTION:**

Reference Location (D10-1 to D10-3) signs may be installed along any section of a highway route or ramp to assist road users in estimating their progress, to provide a means for identifying the location of emergency incidents and traffic crashes, and to aid in highway maintenance and servicing.

To augment the reference location sign system, Intermediate Reference Location (D10-1a to D10-3a) signs which show the tenth of a mile with a decimal point, may be installed at one tenth of a mile intervals, or at some other regular spacing.

**STANDARD:**

When Intermediate Reference Location (D10-1a to D10-3a) signs are used to augment the reference location sign system, the reference location sign at the integer mile point shall display a decimal point and a zero numeral.

When placed on freeways or expressways, reference location signs shall contain 10-inch white numerals on a 12-inch wide green background with a white border. The signs shall be 24, 36, or 48 inches in height for one, two, or three digits, respectively, and shall contain the word MILE in 4-inch white letters.

When placed on conventional roads, reference location signs shall contain 6-inch white numerals on a green background that is at least 10 inches wide with a white border. The signs shall contain the word MILE in 4-inch white letters.

The design details for reference posts shall be as shown in the MnDOT "Standard Signs Manual" and the Federal "Standard Highway Signs and Markings" book .

Reference location signs shall have a minimum mounting height of 4 feet, measured vertically from the bottom of the sign to the elevation of the near edge of the roadway, and shall not be governed by the mounting height requirements prescribed in Section 2A.18.

The distance numbering shall be continuous for each route within a State, except where overlaps occur (see Section 2E.31). Where routes overlap, reference location sign continuity shall be established for only one of the routes. If one of the overlapping routes is an Interstate route, that route shall be selected for continuity of distance numbering.

**GUIDANCE:**

The route selected for continuity of distance numbering should also have continuity in interchange exit numbering (see Section 2E.31).

On a route without reference location sign continuity, the first reference location sign beyond the overlap should indicate the total distance traveled on the route so that road users will have a means of correlating their travel distance between reference location signs with that shown on their odometer.

**STANDARD:**

For divided highways, the distance measurement shall be made on the northbound and eastbound roadways. The reference location signs for southbound or westbound roadways shall be set at locations directly opposite the reference location signs for the northbound or eastbound roadways.

**GUIDANCE:**

Zero distance should begin at the south and west State lines, or at the south and west terminus points where routes begin within a State.

**STANDARD:**

Except as provided in the Option below, reference location signs shall be installed on the right-hand side of the roadway.

**OPTION:**

Where conditions limit or restrict the use of reference location signs on the right-hand side of the roadway, they may be installed in the median. On two-lane conventional roadways, reference location signs may be installed on one side of the roadway only and may be installed back-to-back. Reference location signs may be placed up to 30 feet from the edge of the pavement.

If a reference location sign cannot be installed in the correct location, it may be moved in either direction as much as 50 feet.

**GUIDANCE:**

If a reference location sign cannot be placed within 50 feet of the correct location, it should be omitted.

## 2H.6 Enhanced Reference Location Signs (D10-4, D10-5)



D10-4



D10-5

**SUPPORT:**

There are two types of enhanced reference location signs:

- A. Enhanced Reference Location signs (D10-4), and
- B. Intermediate Enhanced Reference Location signs (D10-5).

**OPTION:**

Enhanced Reference Location (D10-4) signs which enhance the reference location sign system by identifying the route, may be placed on freeways or expressways (instead of Reference Location signs) or on conventional roads.



To augment an enhanced reference location sign system, Intermediate Enhanced Reference Location (D10-5) signs which show the tenth of a mile with a decimal point, may be installed along any section of a highway route or ramp at one tenth of a mile intervals, or at some other regular spacing.

**STANDARD:**

If enhanced reference location signs are used, they shall be vertical signs having blue or green backgrounds with white numerals, letters, and borders, except for the route shield, which shall be the standard color and shape. The top line shall consist of the cardinal direction for the roadway. The second line shall consist of the applicable route shield for the roadway. The third line shall identify the mile reference for the location and the bottom line of the Intermediate Enhanced Reference Location sign shall give the tenth of a mile reference for the location. The bottom line of the Intermediate Enhanced Reference Location sign shall contain a decimal point. The height of the legend on enhanced reference location signs shall be a minimum of 6 inches. The height of the route shield on enhanced reference location signs shall be a minimum of 12 inches.

The background color shall be the same for all enhanced reference location signs within a jurisdiction.

**SUPPORT:**

The provisions in Section 2H.5 regarding mounting height, distance numbering and measurements, sign continuity, and placement with respect to the right-hand shoulder and/or median for reference location signs also apply to enhanced reference location signs.

**2H.7 Auto Tour Route Signs**



**SUPPORT:**

Auto Tour Route signs are informational signs, plaques, or shields designed to provide road users with route guidance in following an auto tour route of particular cultural, historical, or educational significance.

Signed auto tour routes are used in some cases to generally follow the historical route of a trail, such as the National Historic Trails administered by the National Park Service. Examples include auto tour routes that parallel the Lewis and Clark National Historic Trail, the Oregon National Historic Trail, and the Santa Fe National Historic Trail.

**GUIDANCE:**

If shields or other similar signs are used to provide route guidance in following an auto tour route, they should be designed in accordance with the sizes and other design principles for route signs, such as those described in Sections 2D.10 through 2D.12.

**OPTION:**

Auto Tour Route signs may be installed on a highway if they have been approved by the appropriate transportation agency.

**STANDARD:**

Auto Tour Route signs shall not be installed on freeways or expressways, except as necessary to provide continuity between discontinuous segments of conventional roadways that are designated as auto tour routes, for which the freeway or expressway provides the only connection between the segments. If installed on freeways or expressways, Auto Tour Route signs shall be installed as independent trailblazer assemblies (see Sections 2D.35 and 2E.27) and shall not be installed with other Route signs or confirmation assemblies or on guide signs. If installed on freeways or expressways, Auto Tour Route trailblazer assemblies shall be installed at less frequent intervals than route confirmation assemblies.



## 2H.7.1 Other Guide Signs (D Series)



D1-X1



D1-X3



D1-X5

### OPTION:

The Business District (D1-X1) sign may be installed to direct motorists to the central business district of a city. If used, it shall not be used to designate any other business areas or shopping areas.

### STANDARD:

If used, the Sanitary Landfill (D1-X3) sign shall be installed only for those facilities which meet the following criteria:

- A. The facility shall be approved by the Minnesota Pollution Control Agency and have a current and valid permit from that agency.
- B. Local road authorities shall provide any trailblazing signing from the MnDOT maintained roadway to the facility.
- C. Whether the facility is publicly or privately owned, it shall be available for public, commercial, and governmental users alike.

The Transfer Station (D1-X5) sign may be installed for those facilities which have been approved by the Minnesota Pollution Control Agency and have a current and valid permit from that agency.

For more detailed information on the MnDOT's policy on guide signing along state maintained roadways to facilities such as airports, schools, and other major and minor traffic generators, see the MnDOT Traffic Engineering Manual.

## 2H.8 Acknowledgement Signs



I1-X1

### SUPPORT:

Acknowledgment signs are a way of recognizing a company, business, or volunteer group that provides a highway-related service. Acknowledgment signs include sponsorship signs for adopt-a-highway litter removal programs, maintenance of a parkway or interchange, and other highway maintenance or beautification sponsorship programs.

### GUIDANCE:

A State or local highway agency that elects to have an acknowledgment sign program should develop an acknowledgment sign policy. The policy should require that eligible sponsoring organizations comply with State laws prohibiting discrimination based on race, religion, color, age, sex, national origin, and other applicable laws. The acknowledgment sign policy should include all of the provisions regarding sign placement and sign design that are described in this Section.

### STANDARD:

Because regulatory, warning, and guide signs have a higher priority, acknowledgment signs shall only be installed where adequate spacing is available between the acknowledgment sign and other higher priority signs. Acknowledgment signs shall not be installed in a position where they would obscure the road users' view of other traffic control devices.

Acknowledgment signs shall not be installed at any of the following locations:

- A. On the front or back of, adjacent to, or around any other traffic control device, including traffic signs, highway traffic signals, and changeable message signs;
- B. On the front or back of, adjacent to, or around the supports or structures of other traffic control devices, or bridge piers; or
- C. At key decision points where a road user's attention is more appropriately focused on other traffic control devices, roadway geometry, or traffic conditions, including exit and entrance ramps, intersections, grade crossings, toll plazas, temporary traffic control zones, and areas of limited sight distance.

**GUIDANCE:**

The minimum spacing between acknowledgment signs and any other traffic control signs, except parking regulation signs, should be:

- A. 150 feet on roadways with speed limits of less than 30 mph,
- B. 200 feet on roadways with speed limits of 30 to 45 mph, and
- C. 500 feet on roadways with speed limits greater than 45 mph.

If the placement of a newly-installed higher-priority traffic control device, such as a higher-priority sign, a highway traffic signal, or a temporary traffic control device, conflicts with an existing acknowledgment sign, the acknowledgment sign should be relocated, covered, or removed.

**OPTION:**

State or local highway agencies may develop their own acknowledgment sign designs and may also use their own pictograph (see definition in Section 1A.13) and/or a brief jurisdiction-wide program slogan as part of any portion of the acknowledgment sign, provided that the signs comply with the provisions for shape, color, and lettering style in this Chapter and in Chapter 2A.

**GUIDANCE:**

Acknowledgment signs should clearly indicate the type of highway services provided by the sponsor.

**STANDARD:**

In addition to the general provisions for signs described in Chapter 2A and the sign design principles covered in the "Standard Highway Signs and Markings" book (see Section 1A.11), acknowledgment sign designs developed by State or local highway agencies shall comply with the following provisions:

- A. Neither the sign design nor the sponsor acknowledgment logo shall contain any contact information, directions, slogans (other than a brief jurisdiction-wide program slogan, if used), telephone numbers, or Internet addresses, including domain names and uniform resource locators (URL);
- B. Except for the lettering, if any, on the sponsor acknowledgment logo, all of the lettering shall be in upper-case letters as provided in the "Standard Highway Signs and Markings" book (see Section 1A.11);

- C. In order to keep the main focus on the highway-related service and not on the sponsor acknowledgment logo, the area reserved for the sponsor acknowledgment logo shall not exceed 1/3 of the total area of the sign and shall be a maximum of 8 square feet, and shall not be located at the top of the sign;
- D. The entire sign display area shall not exceed 24 square feet;
- E. The sign shall not contain any messages, lights, symbols, or trademarks that resemble any official traffic control devices;
- F. The sign shall not contain any external or internal illumination, light-emitting diodes, luminous tubing, fiber optics, luminescent panels, or other flashing, moving, or animated features; and
- G. The sign shall not distract from official traffic control messages such as regulatory, warning, or guidance messages.