



# Oregon

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All Holders of "Sign Policy and Guidelines for the State Highway System"

## RE: FEB. 2012 REVISIONS TO SIGN POLICY & GUIDELINES FOR THE STATE HIGHWAY SYSTEM

Enclosed with this cover letter are the most recent revisions to the "Sign Policy and Guidelines for the State Highway System."

Sign No.	Page No.	Legend/Section	Revision
-----	0-002	Index	Added and removed applicable sections as needed for this revision to the guidelines
-----	0-003	Contents	Added and removed applicable sheets as needed for this revision to the guidelines
-----	2-001 thru 2-002	Chapter 2: Signs and Policy by MUTCD Section	Updated section headers to match 2009 MUTCD
-----	3-001 thru 3-003	Chapter 3: Regulatory Signs	Updated section headers to match 2009 MUTCD
OR1-5	3-10	STOP (Rubber Flap)	Removed
OR4-21	3-64	UNLAWFUL TO IMPEDE TRAFFIC WHEN PASSING	Removed
OR4-22	3-65	DO NOT DRIVE BESIDE TRUCKS	New sheet. This sign must be posted in advance of multi-lane round-a-bouts as regulated by ORS 811.370
OR7-8	3-92	Disabled Parking	Removed. Use federal sign R7-8 when new signs are installed or existing signs need to be replaced
OR7-8c	3-95	WHEELCHAIR USER ONLY	Changed sign background and sign legend colors to match federal design
OR10-15a	3-106	TURNING VEHICLES (yield) TO (bike & ped)	Added "Yellow, Retroreflective Sheeting" to Sign Background description
OR10-15b	3-107	TURNING VEHICLES (yield) TO (bike)	Added "Yellow, Retroreflective Sheeting" to Sign Background description
-----	4-001 thru 4-003	Chapter 4: Warning Signs	Updated section headers to match 2009 MUTCD
-----	4-004	Comfortable Safe Speeds on Horizontal Curves	Removed. Use guidance in Section 2C.08 of 2009 MUTCD
-----	5-001 thru 5-006	Chapter 5: Guide Signs -- Conventional Roads	Updated section headers to match 2009 MUTCD
-----	5-012 thru 5-013	Chapter 5: Guide Signs -- Freeways and Expressways	Combined 5-170 and 5-171 with 5-180 and 5-181, and moved them to 5-012 thru 5-013
-----	5-023	Chapter 5: Freeway Interchange Guide Sign Guidelines	Created from 5-184
-----	5-024	Chapter 5: Criteria For Signing Traffic Generators From Interstate Highways	Created from 5-189

OI7-7	5-105	POINT OF INTEREST	Removed. Use federal sign RS-080
-----	5-170, 5-171	Chapter 5: Guide Signs – Expressways	Removed - See 5-12 & 5-13
-----	5-180, 5-181	Chapter 5: Guide Signs – Freeways	Removed - See 5-12 & 5-13
-----	5-184	Chapter 5: Freeway Interchange Guide Sign Guidelines	Removed - See 5-023
-----	5-189	Chapter 5: Criteria For Signing Traffic Generators From Interstate Highways	Removed - See 5-024
-----	6-001	Chapter 6: Construction and Maintenance Signs	Updated section headers to match 2009 MUTCD
-----	8-001	Chapter 8: Construction and Maintenance Signs	Updated section headers to match 2009 MUTCD

If you have any revisions, changes, or comments, please send them to:

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## Chapter 2: Signs and Policy by MUTCD Section

### 2A.07 Retroreflectivity and Illumination

Road name, route shield, and mileage signs mounted on overhead roadway structures should not be illuminated.

### 2A.12 Symbols

Except as listed below, standard symbol signs should be used in lieu of word message signs.

EXCEPTIONS: The symbol alternatives for the following signs shall not be used on the State Highway System.

“NARROW BRIDGE”  
“PAVEMENT ENDS”

The word message legend shall be used on these signs.

### 2A.14 Sign Borders

Sign borders for regulatory and warning signs should be as follows:

<u>Board Dimensions</u>	<u>Border</u>	<u>Margin</u>	<u>Corner Radius</u>
Either or both less than 30 inches	$\frac{5}{8}$ "	$\frac{3}{8}$ "	$1 \frac{1}{2}$ "
Both 30 inches	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$1 \frac{7}{8}$ "
Both more than 30 inches and either less than 48 inches	$\frac{7}{8}$ "	$\frac{5}{8}$ "	$2 \frac{1}{4}$ "
Both 48 inches or larger	$1 \frac{1}{4}$ "	$\frac{3}{4}$ "	3"

For sign borders on guide signs, see Section 2E.16.

### 2A.17 Overhead Sign Installations

Signs mounted on an overcrossing structure should be restricted to 7 feet in overall height.

### 2A.18 Mounting Height

Overhead sign structures should provide a vertical clearance of not less than 18 feet over the entire width of pavement and shoulders.

The distance from the groundline to the bottom of a single sign should be a minimum of 7 feet. If more than one sign is mounted on a single post, the bottom of the sign assembly should be a minimum of 6 feet above ground line. This vertical distance is required for signs to clear an impacting vehicle upon collision. Signs may be mounted higher to obtain vertical height requirements for pavement clearance.

The 7-foot minimum height requirement may be waived for parking-related signs where little or no interference with pedestrians exists.

2A.19 Lateral Offset

When practical and not restricted by right of way, the following minimum lateral clearances should be maintained to the nearest edge of the sign (except as noted \*).

	<u>Face of Guardrail</u>	<u>Edge of Paved Shoulder</u>
On Freeways & Expressways		
Major Guide Signs	6 feet	30 feet *
Control / Route Signs	6 feet	12 feet
On Conventional Roads		
Major Guide Signs	6 feet	20 feet *
Control / Route Signs	6 feet	12 feet
Stop Signs	6 feet	6 feet
	*from fog line to the center of the nearest support	

2A.21 Posts and Mounting

Ground mounted signs not protected by guardrail or barrier should be installed on breakaway posts. Any sign support that could be struck by a vehicle should be of the breakaway type. Nominal 4" x 4" wood posts are considered to be breakaway. If larger wood posts are used, they shall have holes drilled through the post at 4" and 18" above the ground line at right angles to the movement of traffic. Two wood posts may be used as a breakaway support if the distance between the posts is at least 7 feet. Design guidelines for wood posts as permanent or temporary supports are available from Traffic Engineering and Operations Section.

Supplementary panels may be attached to signs mounted on metal breakaway posts if the 7 feet of vertical clearance is maintained. Supplementary panels may be mounted on multi-post breakaway supports above the hinge point.

## Chapter 3: Regulatory Signs

### 2B.13 Speed Limit Sign (R2-1)

All signs posting the designated speed or speed limit per ORS 811.105 and ORS 811.111 may use the SPEED XX (OR2-1) sign. This includes truck speed restrictions, school speed zones, and other special speed restrictions allowed by law as well as the designated speed or speed limit by statute, rule, or written order.

Minimum size of SPEED XX sign on State Highways 30" x 36"  
Except 24" x 30" with S4-2, S4-3 & OS4-8 may be used in school zones

In keeping with legislative changes which establish speeds on interstate highways as speed limits (see ORS 810.180), all speed signs installed on Oregon interstates shall be SPEED LIMIT XX (R2-1) signs. This applies only to interstates (I-5, I-82, I-84, I-105, I-205 and I-405) and not to other state highways.

On state highways all speed signs installed at school zones shall be SPEED LIMIT 20 (R2-1) signs.

### Slow Moving Traffic Lane Signs

The normal signing where an extra lane has been constructed to provide opportunities to pass is as follows:

1. PASSING LANE ONE MILE (OR4-10) may be installed to advise motorists of a passing lane approximately the designated distance ahead. It should not be used in advance of a slow moving vehicle turnout.  
Minimum Size 60" x 48"
2. 2B-28 DO NOT PASS (R4-1) should be installed approximately 1000 feet in advance of the taper that begins the passing lane.  
Minimum Size 36" x 48"
3. 2B-30 KEEP RIGHT EXCEPT TO PASS (R4-16) should be installed where the passing lane attains full width or at the beginning of the first skip stripe.  
Minimum Size 36" x 48"
4. 2B-29 PASS WITH CARE (R4-2) may be installed in the two-lane section approximately 1000 feet beyond the end of the taper (if sight distance is adequate to permit passing).  
Minimum Size 24" x 30"
5. YIELD CENTER LANE TO UPHILL TRAFFIC (OR4-11) may be installed facing downhill traffic at the point where the downhill no passing zone ends. A DO NOT PASS (R4-1) may be installed, on each side of the roadway if necessary, facing downhill traffic at the beginning of the next downhill no passing zone.  
Minimum Size 60" x 36"

6. YIELD CENTER LANE TO OPPOSING TRAFFIC (OR4-11A) may be installed on level two-lane, two-way roadways with a passing lane for one direction. When used, the sign shall face the direction of travel opposite that of the passing lane. Additional signs may be installed throughout the section but not closer together than ½ mile.

Minimum Size 60" x 36"

#### 2B.35 Slow Vehicle Turn-out Signs (R4-12, R4-13 and R4-14)

Slow moving vehicle turnouts shall be signed only as shown and as listed below. The normal signing for a slow moving vehicle turnout is as follows:

1. SLOW MOVING VEHICLE TURNOUT 1/2 MILE (OR4-13) is used at approximately the designated distance in advance of the turnout.

Minimum Size 48" x 60"

2. SLOW VEHICLES MUST USE TURN-OUT AHEAD (R4-13) is used approximately 500 feet in advance of the turnout.

Minimum Size 72" x 36"

3. SLOW MOVING VEHICLE TURNOUT with a 45° arrow (OR4-15) is used at the beginning of the turnout.

Minimum Size 48" x 60"

#### 2B.37 DO NOT ENTER Sign (R5-1)

Minimum Size 36" x 36"

#### 2B.39 Selective Exclusion Signs

ONE WAY TRAFFIC FOR TRUCKS OR BUSES (OR5-11) should be ahead of or at the start of a narrow section of roadway which is not wide enough to permit two large vehicles to pass in opposite directions but will allow one large vehicle and a car or other small vehicle to pass.

The ONE WAY TRAFFIC FOR TRUCKS OR BUSES may be used as a rider under the NARROW BRIDGE (W5-2) sign.

Minimum Size 36" x 36"

#### 2B.40 One Way Signs (R6-1, R6-2)

The horizontal ONE WAY arrow (R6-1) should be used for signing one-way streets and roads. The vertical rectangular ONE WAY (R6-2) should be used for interior illuminated signs.

#### 2B.49 Emergency Restriction Signs (R8-4, R8-7, R8-8)

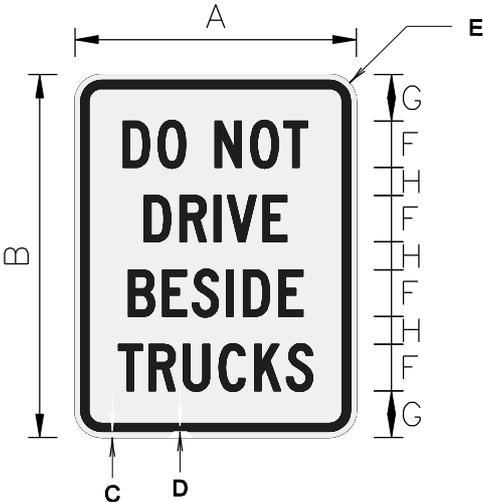
EMERGENCY PARKING ONLY (R8-4) and EMERGENCY STOPPING ONLY (R8-7) may be used to reserve the shoulder for emergency use.

Minimum Size 48" x 36"

#### 2B.53 Traffic Signal Signs (R10-5 thru R10-30)

The LEFT ON GREEN ARROW ONLY Sign (R10-5) and the EMERGENCY SIGNAL Sign (R10-13) shall be placed next to the signal head(s) to which they refer. Each sign requires either interior illumination or ASTM Type IX sheeting background. The borders on these signs can be eliminated if interior illumination is used.

Sign No. OR4-22



**Sign Background:** White, Retroreflective sheeting

**Sign Legend:** Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN	30	39	5/8	7/8	2 1/4	5C	5	3
STD	33	42	5/8	7/8	2 1/4	6C	4 1/2	3

The DO NOT DRIVE BESIDE TRUCKS sign (OR4-22) must be posted at entrances to multi-lane round-a-bouts.

SIGNSTDPG.F11

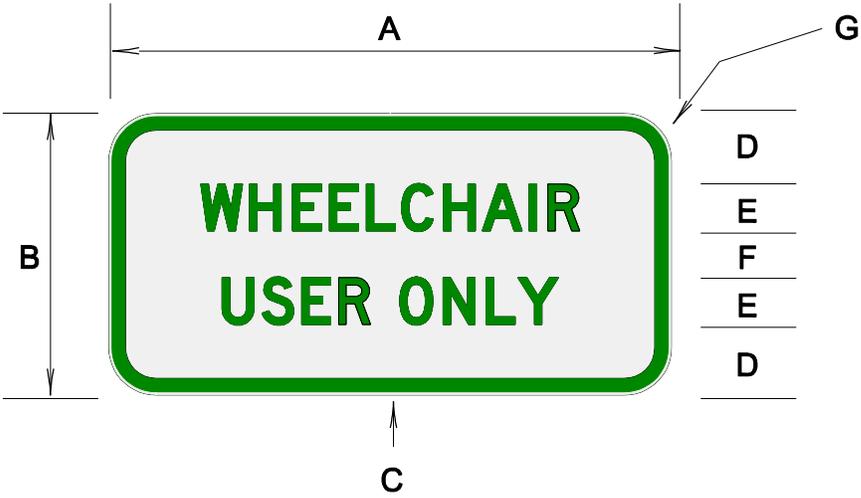
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 1/12

Publication Date: 1/12

Sign No. OR7-8c



Sign Background: White, Retroreflective sheeting

Sign Legend: Green, Retroreflective sheeting

SIGNSTDP.F11

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
CITY STREET	12	6	$\frac{3}{8}$	$1\frac{1}{2}$	1D	1	$1\frac{1}{2}$
STANDARD	18	9	$\frac{1}{2}$	$2\frac{1}{4}$	$1\frac{1}{2}$ D	$1\frac{1}{2}$	$1\frac{1}{2}$

The WHEELCHAIR USER ONLY sign shall only be used with the Disabled Person Parking Sign (OR7-8) and the VAN ACCESSIBLE sign (R7-8b) to designate the wheelchair user only spaces as defined in ORS 447.233.

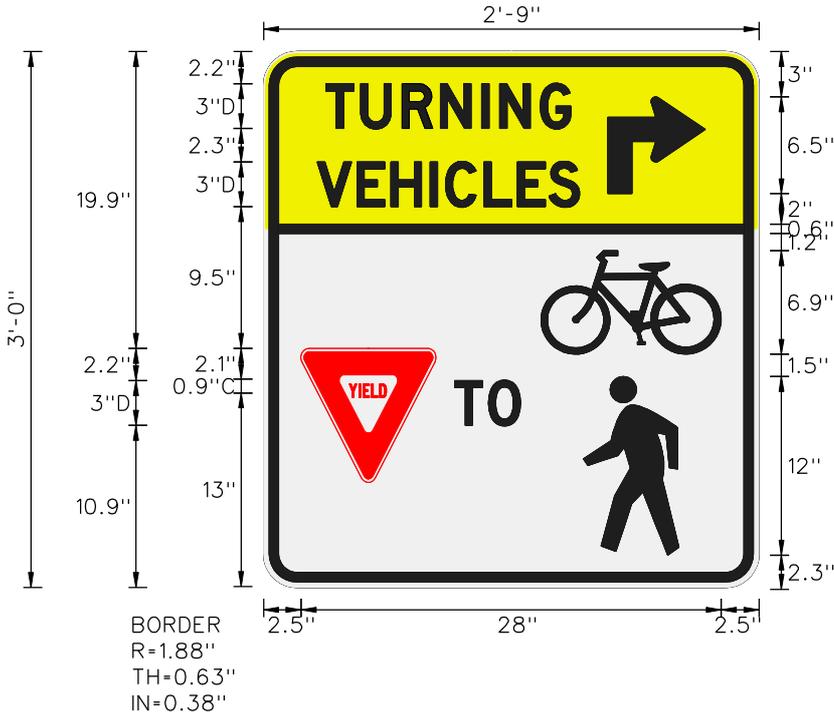
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 11/07

Publication Date: 11/07

Sign No. OR10-15a



**Sign Background:** Yellow, Retroreflective sheeting  
White, Retroreflective sheeting

**Sign Legend:** Black, Non-reflective  
Red, Retroreflective

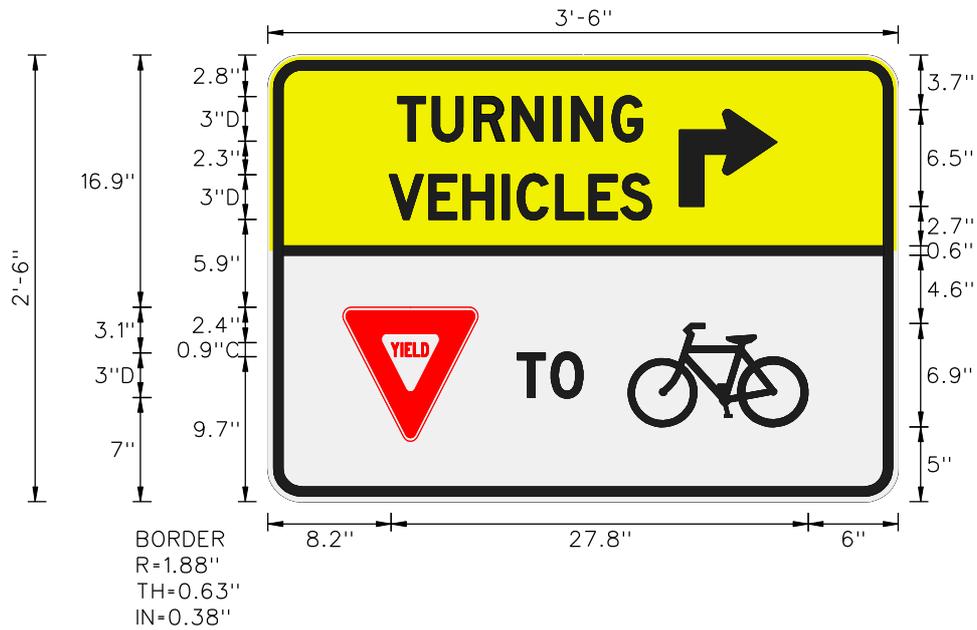
SIGNSTDP.F11

The TURNING VEHICLES yield TO bikes & peds symbol sign may be used at a signalized intersection to alert right (left) turning motorists of a possibly obscured pedestrian crossing.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C. Date: 12/11 Publication Date: 12/11

Sign No. OR10-15b



**Sign Background:** Yellow, Retroreflective sheeting  
White, Retroreflective sheeting

**Sign Legend:** Black, Non-reflective  
Red, Retroreflective

SIGNSTDP.F.11

The TURNING VEHICLES yield TO bikes symbol sign may be used at a signalized intersection to alert right (left) turning motorists of a possibly obscured pedestrian crossing.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 12/11

Publication Date: 12/11

## Chapter 4: Warning Signs

### 2C.03 Design of Warning Signs

Use Engineering Judgment in the selection and installation of different sizes of standard or special warning signs. Normally, all new installations of warning signs on the State Highway System will be 36" or larger.

### 2C.05 Placement of Warning Signs

Table 2C-4 in the MUTCD lists suggested sign placement distances for two conditions. This table is provided as an aid for determining warning sign locations.

The critical factor in warning sign placement is visibility, adequate warning to the driver so they can react to the situation, and use of the proper warning sign. Different situations will require warning sign placement that does not comply with the suggested placement distances set forth in Table 2C-4. The table was designed using 30" warning signs; if the road agency uses larger signs, the distance listed can be reduced. The use of high performance sheeting on signs also allows different sign placement distances.

Table 2C-4 was designed for a single warning placement. When the road authority uses two or more warning signs for the same condition in sequence, the table is no longer valid. Use of other warning devices plays an important role in relaying the warning to the driver; such as adding Chevrons to a curve.

### 2C.07 Horizontal Alignment Signs (W1-1 through W1-5, W1-11, W1-15)

All Turn, Curve, Reverse Turn, and Reverse Curve signs shall have an Advisory Speed Plate when the comfortable safe speed on the curve is 10 mph or more below the posted speed.

### 2C.22 Divided Highway Sign (W6-1)

The Divided Highway Symbol sign (W6-1) should be used where there is a physical barrier or painted median separating opposing traffic. A DO NOT PASS (R4-1) should be placed approximately 250 feet downstream (depending on prevailing speed) from the Divided Highway symbol sign.

Minimum Size (W6-1) 36" x 36"

### 2C.23 Divided Highway Ends Sign (W6-2)

On two lane highways at the end of a painted island or traffic separation, a Two Way Traffic sign (W6-3) should be used.

### 2C.29 Speed Hump Sign (W17-1)

Speed hump signs or markings shall be placed on a public roadway to identify its location. When several speed humps are placed in a series along a roadway between intersections, a single SPEED HUMP sign with a rider indicating the series of humps ahead may be posted for the series.

### 2C.38 Reduced Speed Limit Ahead Signs (W3-5, W3-5a)

Where advance notice is needed for an approaching speed zone which is posted with a SPEED XX (OR2-1) sign, the Speed Reduction sign (OW3-5) shall be used in lieu of W3-5. The speed limit displayed on the sign shall be identical to that displayed on the subsequent SPEED XX sign. The Speed Reduction sign (OW3-5) shall not be used on the interstate system. On the interstate a REDUCED SPEED AHEAD sign (OR2-5) shall be used instead of a Speed Reduction Sign (W3-5 or W3-5a).

### 2C.42 Lane Ends Signs (W4-2, W9-1, W9-2)

The Pavement Width Transition sign (W4-2) shall be used in advance of a lane drop and the RIGHT (LEFT) LANE ENDS sign (W9-1) may be used in advance of the Pavement Width Transition sign. The LANE ENDS MERGE LEFT (RIGHT) sign (W9-2) should not normally be used.

### 2C.46 Intersection Warning Signs (W2-1 through W2-8)

The educational TRAFFIC CIRCLE plaque (W16-12p) shall not be used with the Circular Intersection symbol sign (W2-6).

The Circular Intersection symbol sign (W2-6) shall be used in advance of a roundabout intersection to inform motorists that they are approaching the roundabout. The sign is usually accompanied by an appropriate speed rider.

### 2C.50 Non-vehicular Warning Signs (W11-2, W11-3, W11-4, W11-6, W11-7, W11-9 and W11-16 through W11-22)

The Snowmobile Crossing sign (W11-6) may be installed on state highways under the following conditions:

1. The operator or owner of the snowmobile trail shall install STOP signs on the trail, outside the highway right-of-way.
2. The crossing shall be located, as nearly as possible, at 90 degrees to the highway.
3. The region traffic office will conduct a traffic investigation of the proposed crossing to insure the safety of the crossing.
4. The Oregon Department of Transportation shall make initial installation of snowmobile crossing signs.

### 2C.53 Use of Supplemental Warning Plaques

The Distance Ahead Plaques (W16-2 and W16-3 Series) or the AHEAD Plaque (W16-9p) may accompany any of the Vehicular Traffic Signs or Nonvehicular Signs (W11 Series) as secondary riders for installations used in advance of an actual crossing area, marked or unmarked. On the State Highway System, the AHEAD Plaque (W16-9p) is the preferred rider.

## Chapter 5: Guide Signs - Conventional Roads

### 2D.08 Arrows

The directional arrows on guide signs should be determined by the height of legend. Use 4" x 6" arrows for 4" legend, 5" x 7" arrows for 5" legend, 6" x 9" arrows for 6" legend, and 8" x 12" arrows for 8" legend. The length of the arrow may be increased if the sign layout allows a longer arrow.

### 2D.11 Design of Route Signs

Route markers incorporated into guide sign legends shall have a minimum size of 18" x 18". Route markers installed elsewhere shall be a minimum of 24" x 24" except county route shields that may be 18" x 18".

### 2D.37 Destination Signs (D1 Series)

A white line shall separate all destinations in different directions. All destinations in a given direction shall share one directional arrow. Legend size and style shall be governed by the importance of the sign. All legends on a single sign shall be the same size and style. Not more than 4 destinations should be shown on a conventional road destination sign. Mileage should be shown, except in urban areas.

### 2D.40 Location of Destination Signs

Prioritize guide signs using the listing on page 5-2.

## Intersection Guide Sign Guidelines

### 1. Definitions:

Rural – The area outside the Urban Growth Boundary of any incorporated city.

Urban – The area inside the city limits and extending to the Urban Growth Boundary of any incorporated city.

Advance Guide Sign – Guide signs placed prior to an intersection that include next left, next right, distance, direction, or arrow direction.

Guide Sign – Sign giving direction that may be green, brown, or blue background depending on legend content.

2. A maximum of three destinations per direction may be shown on rural guide signs with a maximum of four total destinations per sign.

Route shields and related plaques are not to be counted as a destination.

Symbol signs such as airport, train station, watchable wildlife, etc., are not to be considered as a destination.

Street name signs (at intersecting streets) are not considered to be a destination and shall be separated by a white line if the street name is incorporated into the guide sign.

3. The priority of destinations to be shown on intersection guide signs shall be as follows:

- A. Closest major city (population over 50,000).
- B. Closest city or community.
- C. National park, state park, fairgrounds, college, or university.
- D. Major traffic generator, publicly owned. \*
- E. Major traffic generator, privately owned. \*
- F. Community college, private college.
- G. County park, fairgrounds.

\* Major traffic generators must meet attendance requirements on page 5-24.

4. Destinations shown on Advance Guide signs shall be consistent with the destinations shown on the Intersection Guide sign.

Public schools, landmarks, armories, Red Cross centers, unincorporated communities, wildlife refuges, youth camps

Full name or approved abbreviation may be signed to publicly owned or nonprofit public agencies or operations permanently located off the highway being signed. May be signed on primary and secondary highways (not on freeways) at the closest access point. If distance to the site is more than one mile, the mileage may be added to the legend.

Auditoriums, ball fields, exposition centers, parks, fairgrounds, race tracks

May be signed on primary and secondary highways at the closest access point. To qualify for signing there must be a significant activity at least weekly.

State Capitol, State Police, PUC, DMV., DEQ

May be signed on freeways, primary, and secondary highways.

Colleges, Universities, Technical Schools

Accredited higher education facilities may be signed on freeways and primary or secondary highways. The school pays for the original sign and installation; ODOT installs and maintains.

Shopping centers may be signed on freeways and primary or secondary highways under the following conditions:

1. At least 500,000 square feet of usable floor space.
2. At least 18,000 daily vehicle trips (two-way).
3. Contain at least two and preferably three major retail outlets (Penneys, Sears, etc.).
4. Any required follow-up signing must be in place before highway signing is completed. Written assurance must be provided before highway signing is started.
5. All installation and maintenance costs shall be the responsibility of the center. ODOT will install and maintain the signs.

Business and Industrial Parks may be signed on freeways and primary or secondary highways under the following conditions:

1. At least 500,000 square feet of usable floor space.
2. At least 18,000 daily vehicle trips (two-way).
3. The destination must be within one mile of the exit from the state highway.
4. Any required follow-up signing must be in place before highway signing is completed. Written assurance must be provided before highway signing is started.
5. All installation and maintenance costs shall be the responsibility of the Park. ODOT will install and maintain the signs.

## Recreational-Cultural Interest Area Signs

Federal Parks - Parks maintained by the federal government may be signed on freeway and primary or secondary highways.

State Parks – If the park is the only destination listed on the freeway sign use the brown recreational guide sign. If the exit leads to other destinations, park is included on the green destination sign.

Resort Areas – The brown recreational guide sign may be mounted under a guide sign under the following conditions:

1. Resort is in a rural area where the highway is either in a scenic area or passes through public land where normal advertising signs are not allowed. Resorts not in public or scenic areas may be signed under TODS program.
2. Resort must be open full-time throughout the appropriate tourist season and offer at least one significant recreational activity such as swimming, boating, skiing, fishing, hunting, rock hounding, etc. The resort must also offer two of the following services:
  - A. Restaurant
  - B. Lodging
  - C. Gasoline and automotive services
3. The resort area should also be at least 25 miles away from areas offering services of a like nature, to limit unfair competition with like services owned and operated on private land.

When a resort sign is used, a gas symbol sign may be allowed, due to the essential nature of gas in remote rural areas. Gas symbols should only be allowed if a service station is available with continuous operation for 12 hours a day and is located within a complex where other services are available to the traveler (such as food, lodging, or camping). The brown and white symbol sign should be installed under the brown and white resort area sign, with or without other recreational symbol signs.

The use of TODS and logos signs will not be allowed for businesses within resort areas wherever brown and white resort signs (with or without recreational riders) have been provided.

2I.02 & 2I.03 General Service Signs (D9 Series) State and City Police, Sheriff, DMV, and DEQ are considered motorist services and will be signed under this section with Blue background, white legend signs.

General motorist service signs may be appended to interchange guide signs.

The CHANNEL 9 MONITORED sign shall not be used on State Highways.

NEXT GASOLINE sign may be used on primary and secondary highways at some point leaving the last location where gasoline is available and the next available gasoline is at least 50 miles. This sign is generic but care should be taken in the placement to avoid its being construed as advertising.

Minimum Size 36" x 24"

Emergency Medical Services (EMS) - All requests for installation of the Emergency Medical Services (EMS) symbol sign shall be submitted to the Health Division of the Oregon Department of Human Resources for certification that the requester satisfies the State's established criteria for facilities included in the EMS system. EMS signing will not normally be used in conjunction with Hospital signing.

Minimum Size (D9-13 symbol) 24" x 24"

Tourist Information Centers - Tourist Information Centers may be signed on freeways and primary and secondary highways. The Center must have easy permanent access with adequate parking where local tourist information is available. An attended facility is not required. See page 5-17.

2H.02 General Information Signs (I Series)

Commercial Airports may be signed on freeways and primary and secondary highways if they offer commercial or charter airline service, plane rental, or flying lessons. Use of the horizontal plane symbol sign is preferred over the vertical plane symbol sign.

Minimum Size 24" x 24", Freeway 30" x 30"

The BUS STATION symbol sign (I - 6) shall be used on state highways to indicate the location of a bus stop on the state highway. When used the BUS STATION symbol sign should be accompanied by a supplemental plaque below the sign to identify the bus service that stops there. The BUS STATION symbol sign shall not be used on state highways as a guide sign to direct drivers to bus stations that are located off of the state highway.

Bus Station/Train Station symbol signs (I-6/I-7), may be used on freeways (symbol only) and primary and secondary highways (symbol with rider) at the appropriate exit or the closest access point. May also be used as trailblazers.

Minimum Size Symbol 24" x 24"

Minimum Size Rider 24" x 6

## Rural Fire District Signing Guidelines

Rural fire district sign permits may be written using the following criteria:

1. No signs allowed on the interstate system.
2. Fire district must be rural in nature.
3. Signs will be furnished by the fire district.
4. Replacement signs will be furnished by the fire district upon request, or the remaining signs for the fire district will be removed.
5. Signs will be placed outside the normal operating right-of-way (far side of ditch).
6. Signs will be green background, white legend, reflectorized, in accordance with Section 2H.02 of the MUTCD.
7. No logos will be allowed, word message only.
8. 9-1-1 should not appear on the legend as the State of Oregon now has border to border use of this number.
9. Fire district boundary signs should not be required when the boundary is coincident with city or county boundaries.

## 2D.53 Signing of Named Highways

Memorial highways may be signed in rest areas, scenic turnouts, or similar places where the motorist can safely park their vehicle to read the marker or sign.

### General Information

All requests for signing resort areas, museums, and golf courses should be sent to Oregon Travel Experience, 1500 Liberty Street SE, Suite 150, Salem, Oregon, 97302  
Phone (503) 378-4508.

All requests for signing tour or scenic routes should be sent to the Oregon Scenic Byway Program, 555 13<sup>th</sup> Street NE, Salem, OR 97301-3871  
Phone (503) 986-4261.

Community identification signs as allowed in ORS 377.510 are to be placed outside of highway right-of-way.

## Guide Signs – Freeways and Expressways

### 2E.06 Retroreflection or Illumination

Road name, route shield and mileage signs mounted on overhead roadway structures should not be illuminated. All new installations shall use ASTM type IX legend on ASTM type III or IV background sheeting.

ASTM type IX sheeting legend can eliminate the need for illumination on overhead guide sign installations. Sign lighting will only be considered when adverse vertical or horizontal alignment requires its use.

### 2E.16 Sign Borders

Border width for guide signs shall be controlled by the legend size and not the board size. Signs having a legend in upper and lower case letters with 10 2/3" or smaller upper case letters and signs having a 12" or smaller all capital lettered legend shall have a 1" border. All signs with a legend larger than as specified above shall have a 2" border.

See Section 2A for border widths of regulatory and warning signs.

### 2E.25 Overhead Sign Installations

Signs mounted on an overcrossing structure should be limited to 7 feet in overall height.

Overhead sign structures should provide a vertical clearance of not less than 18 feet over the entire width of pavement and shoulders.

### 2E.30 Interchange Guide Signs

Each interchange should have a minimum of two guide signs, one advance guide sign and one exit direction sign. In areas where interchanges are closely spaced, intersection sequence series signs may be used in lieu of advance guide signs.

### 2E.31 Interchange Exit Numbering

Interchange exit numbers should be installed on all highways built to freeway standards. Exit numbers shall correspond to the mileposting of the highway. Where more than one exit falls within a single milepost, alphabetical suffixes may be used. The gore exit sign shall have the exit number included on the sign. Exit number plaques should be added to the top right-hand edge of the sign for an exit to the right. Exit number signs for left exits shall be placed on the left of the guide sign. See section 2E.31 for additional requirements on exit numbering.

### 2E.33 Advance Guide Signs

For major interchanges two advance guide signs may be used. For intermediate and minor interchanges one advance guide sign should be used.

### 2E.35 Other Supplemental Guide Signs

The supplemental guide sign installation, if used, should be erected approximately mid-way between the advance guide sign and the exit direction sign.

### 2E.38 Post-Interchange Signs

Where space between interchanges permits, there should be a route marker located 500 feet beyond the end of the acceleration lane, followed by:

SPEED XX	After 1000 feet
Destination and mileage	After 1000 feet
EMERGENCY PARKING ONLY	After 1000 feet
SLOWER TRAFFIC KEEP RIGHT	After 1000 feet

[but not more often than once every 5 miles.]

### 2I.03 General Service Signs

General Motorist Service panels may be appended to ground-mounted interchange signs.

### 2I.09 Radio Information Signing

The CHANNEL 9 MONITORED sign shall not be installed on State highways.

## Freeway Interchange Guide Sign Guidelines

### 1. Definitions:

Freeway – Any state highway with fully controlled access and interchange system or portion of highway with these characteristics, e.g., Sunset Highway.

Interchange Guide Signs – Advance and exit directional signs.

Supplemental Guide Signs – Guide sign with destination(s) not shown on interchange guide sign.

2. A maximum of two destinations shall be shown in the legend of interchange guide signs. The route number or highway name is not considered to be a destination.
3. The priority of destinations off the freeway shall be as follows:
  - A. Closest major city (population over 50,000).
  - B. If the route continues to another major city, that city name should be shown.
  - C. Name of road crossing freeway.
  - D. National park, monument, historic site, etc.
  - E. State park, fairgrounds, monument, historic site, etc.
  - F. State college or university.
  - G. Airport (with commercial passenger service).
  - H. Major traffic generator, such as large shopping mall or convention center.
  - I. Community college, private college, trade school with enrollment over 1,000.
  - J. County park, fairgrounds, monument, historical site, etc.
  - K. Business or industrial park.
  - L. Other traffic generator.
4. In the event that the interchange was constructed to provide access to a specific destination, such as the Portland International Airport, or an industrial park, that destination would take priority over those listed above. The second destination on the interchange guide sign would be determined by the above listed priority. In the legend of the sign itself, the closest destination shall be listed first.
5. One supplemental guide sign with a total of two destinations will be allowed for each exit, providing there is adequate space on the freeway for placement of the sign. The priority for destinations on this sign shall be a continuance of the above listed priority not used on the interchange guide signs.
6. This policy does not refer to motorist service guide signs. They are listed as a separate policy in the Manual on Uniform Traffic Control Devices.

## CRITERIA FOR SIGNING TRAFFIC GENERATORS FROM INTERSTATE HIGHWAYS

TYPE OF GENERATOR	SPECIFIC CRITERIA	MAJOR METRO AREA <u>1/</u>	URBAN AREA <u>2/</u>	RURAL AREA <u>3/</u>	SPARSELY POPULATED AREA <u>4/</u>
Airports	Regularly Scheduled Commercial Departures Per Day	35	20	15	5
	Distance from Interchange (mi.) <u>5/</u>	5	7.5	10	10
Colleges and Universities <u>7/</u>	Total Enrollment Full and Part-time Students	2,500	2,500	1,000	1,000
	Distance from Interchange (mi.) <u>5/</u>	3	4	5	6
Arenas, Auditoriums, Convention Halls, Stadiums, State and National Parks, Major Recreational Areas (Fairgrounds, Amusement Parks, Zoos, etc.)	Annual Attendance	300,000	250,000	200,000	100,000
	No. of Seats (if applicable)	6,000	5,000	4,000	2,000
	Distance from Interchange (mi.) <u>5/</u>	5	5	5	5
Information Center	Permanent, Easy Access, Adequate Parking				
	Distance from Interchange (mi.) <u>5/</u>	3	3	4	5
Shopping Centers <u>6/</u> & Industrial Parks	Regional or Statewide Significance; 500,000 Square Feet; 18,000 daily trips				
	Distance from Interchange (mi.) <u>5/</u>	1	1	1	1

- 1/ 50,000 or more population in Urban Growth Boundary
- 2/ 5,000 - 49,999 population in Urban Growth Boundary
- 3/ County with more than 30,000 population
- 4/ County with less than 30,000 population
- 5/ Distance may be increased 0.5 mi. for each 10% over the minimum requirements listed to a maximum of two times the minimum distance listed.
- 6/ Shopping center must have 2 or more major retail outlets such as Sears, Penneys, etc.
- 7/ Colleges and Universities may also qualify for Interstate signing if they meet the "Annual Attendance" and "No. of Seats" criteria for Arenas, Auditoriums, etc...

## Chapter 6 Construction and Maintenance Signs

### Application of Standards

Many of the warning signs shown in Part VI of the Manual as construction signs have also been shown in Part II of the Manual. For any sign in Part II, which was modified for use in Oregon, its counterpart in Part VI shall be likewise modified.

The BE PREPARED TO STOP sign (W3-4) may be used to warn of stopped traffic caused by a traffic control signal or in advance of a section of roadway that regularly experiences traffic congestion within a work zone. The W3-4 shall be placed in advance of the FLAGGER AHEAD sign (W20-7, W20-7a, CW23-2,) when used.

The TWO LANE REVERSE CURVE sign (W1-4bR) and the THREE LANE REVERSE CURVE sign (W1-4cR) should be used to warn and guide traffic through a lane shift where the lanes of traffic are maintained.

### 6F.45 Uneven Lanes Sign (W8-11)

The UNEVEN LANES sign (W8-11) is not to be used on the State Highway System. The ABRUPT EDGE sign (CW21-7) should be used during operations that create a difference in elevation between adjacent lanes that are open to travel.

### 6F.59 Detour Signs (M4-8, 9 & 10)

Black on orange W1 series signs, with the detour marker (M4-8) as a rider may be used in place of Detour Arrow signs to mark the beginning of a detour if an engineering study determines that W1 signs would more accurately depict the actual detour alignment. W1 signs should be considered when the detour makes a minor or gradual deviation from the normal roadway. 'ROAD CLOSED' signs, as shown in the MUTCD, may not be appropriate under these circumstances.

### 6G.02 Work Duration

Portable sign supports may be used for work that occupies a location for up to 72 consecutive hours. Longer duration may be allowed by an approved Traffic Control Plan (TCP) that is project specific.

### 6I.01 General

Warning and guide signs used for temporary traffic control (TTC) traffic incident management situations may have a black legend and border on a fluorescent pink background.

## Chapter 8 Bicycle Signs

### 9B.18 Bicycle Warning and combined Bicycle/Pedestrian Signs (W11-1 and W11-15)

The Bicycle Warning Sign (W11-1) may be used to advise motorists of the possible presence of bicycles on the roadway. The appropriate rider (“XING”, “ON ROADWAY”) should be included with all bicycle warning signs to indicate where the bicycles are likely to be encountered.

### 9B.19 Other Bicycle Warning Signs

The Traffic Engineering and Operations Section will provide designs for the bicycle warning signs listed in the MUTCD that do not appear in the Standard Highway Signs manual.

### Bicycle Racing

The Traffic Engineering and Operations Section will provide designs for required signs listed in the “Guidelines for Administration of Bicycle Racing on Oregon Roads”. Also see designs for OBW16-2, W3-4, and W20-7.

### Bicycle Routes

The OREGON BIKE CENTENNIAL ROUTE sign should be removed from our highway system as it is no longer supported by other organizations.

Note:

See chapter 6 for additional bicycle warning signs for temporary events.