



Oregon

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August 6, 2014

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

RE: JULY 2014 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
-----	2-1	2A.17 Overhead Sign Installations	This section has been removed. Stated policy was outdated and inconsistent with current practice.
-----	2-2	2A.18 Mounting Height	Last paragraph of this section has moved to page 2-1 as a result of section 2A.17 removal (see above).
OR7-8c	3-95	WHEELCHAIR USER ONLY	Added a second size (12" x 9").
OR10-4b	3-104a	PUSH BUTTON FOR PEDS (symbol w/arrow)	Revised sign layouts so that pedestrian symbol always faces the same direction that the arrow points to.
OR10-32	3-105a	PUSH BUTTON FOR PEDS (symbol w/arrow) HOLD FOR 2 SECONDS FOR EXTRA CROSSING TIME	Revised sign layouts so that pedestrian symbol always faces the same direction that the arrow points to.
OR12-5a	3-111	SINGLE UNIT VEHICLES SOLO OR COMBINED (Reduced Weight Limit rider)	Sign design has been changed to simplify the message, per feedback from Motor Carriers and the trucking industry.
OR12-5b	3-112	WEIGHT LIMIT REDUCED SINGLE UNIT VEHICLES SOLO OR COMBINED	Sign design has been changed to simplify the message, per feedback from Motor Carriers and the trucking industry.
OW12-2P	4-55	Low Clearance (w/ arrow)	Removed reference to Low Clearance on Shoulder sign (formerly OW12-4) which is no longer in this manual.
OW15-14	4-78	PREPARE TO STOP WHEN LIGHTS FLASH	Updated reference information in the supporting text to reflect recent changes to other manuals.
OD-411A	5-45	ENTERING CITY	Corrected numerical errors in the dimensioning chart.
-----	6-1 (and 6-2)	Roll-Up Signs	General policy statement added, defining the use of roll-up signs for construction and maintenance purposes. The addition of this statement has added a second page (6-2) to this section.
OW22-1a	6-3 and 6-4	Business Access Signs in Construction Projects	These sheets were formerly pages 6-2 and 6-3 and were renumbered to make room for expansion of page 6-1 (see above).

CG20-1 thru CG20-13	6-5 thru 6-17	Various Work Zone Signs	Cleaned up terminology on these sheets (Fluorescent Orange, Retroreflective, etc.) in the interest of consistency. Also, page 6-5 was formerly 6-4. It was renumbered to make room for the expansion of page 6-1 (see above).
CW11-1 thru CW23-14	6-50 thru 6-110	Various Work Zone Signs	Cleaned up terminology on these sheets (Fluorescent Orange, Retroreflective, etc.) in the interest of consistency.
OBW1-9	8-34	Bike Lane Ends (symbol)	Deleted supporting text reference to a sign that no longer exists.

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

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OREGON DEPARTMENT OF TRANSPORTATION
TRAFFIC-ROADWAY SECTION
Sign Policy and Guidelines

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Chapter 2: Signs and Policy by MUTCD Section

2A.07 Retro-reflectivity 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.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 ground line 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

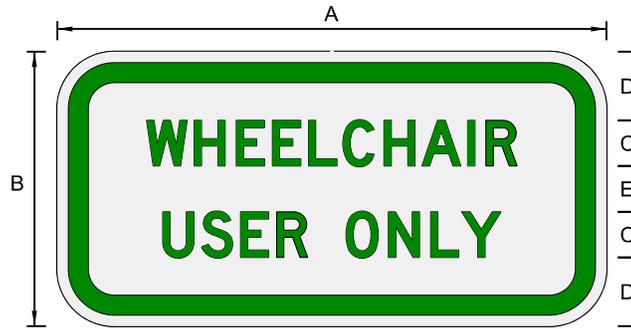
*from fog line to the center of the nearest support

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 Standards and Asset Management Unit.

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.

Sign No. OR7-8c



BORDER
 Radius=1.5"
 Thickness=0.625"
 Inset=0.375"

Sign Background: White, Retroreflective sheeting

Sign Legend: Green, Retroreflective sheeting

SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	12	6	1D	1 ⁵ / ₈	³ / ₄
STD	18	9	1 ¹ / ₂ D	2 ¹ / ₄	1 ¹ / ₂

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

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

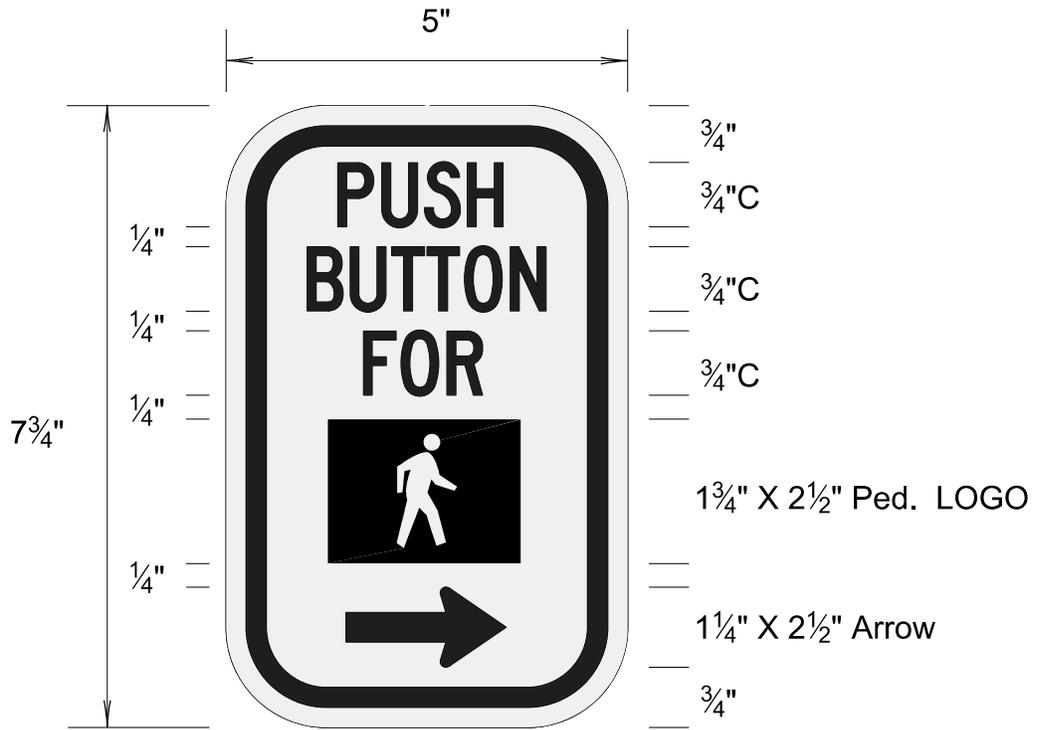
Date: 11/07

Publication Date: 7/14

SIGNSTDP.F11

Sign No. OR10-4bR

OR10-4bL



1/4" border, 1/4" inset, 1" radius

Sign Background: White, Retro-Reflective sheeting or enamel paint

Sign Legend: Black, Non-reflective sheeting or enamel paint
(White Pedestrian on Black Background)

SIGNSTDPG.F11

Not for use on new installations. OR10-3 shall be used for all new installations.
Existing signs may remain in place until no longer servicable.

OREGON DEPARTMENT OF TRANSPORTATION

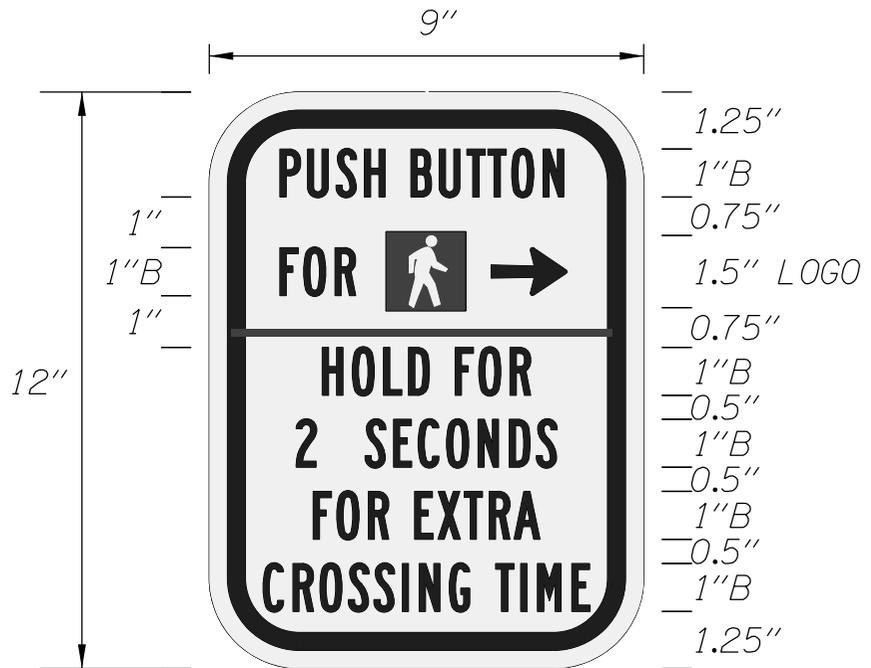
Approved By: S.T.E.

Date:12/11

Publication Date: 7/14

Sign No. OR10-32R

OR10-32L



$\frac{3}{8}$ " border, $\frac{3}{8}$ " inset, $1\frac{1}{2}$ " radius
 1" x $1\frac{1}{2}$ " arrow

Sign Background: White, Retro-Reflective sheeting

Sign Legend: Black, Non-reflective sheeting
 (White Pedestrian on Black Background)

SIGNSTDPG.F11

The PUSH BUTTON FOR PEDS (Symbol w/arrow) HOLD FOR 2 SECONDS FOR EXTRA CROSSING TIME sign (OR10-32) is for use in instances where signal timing allows the option of extra crossing time for pedestrians. OR10-32 is an acceptable alternative to the use of R10-3 in conjunction with the R10-32P rider. It provides the same message on a single substrate of a size consistent with ODOT push button application.

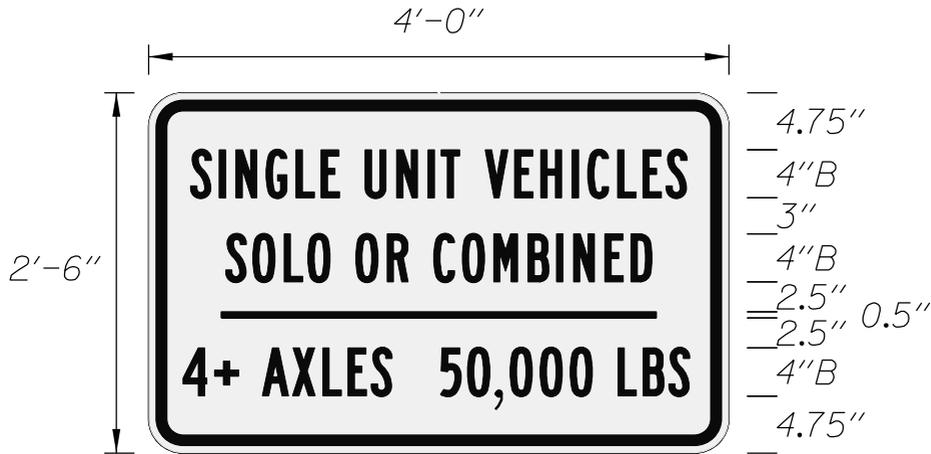
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 9/13

Publication Date: 7/14

Sign No. OR12-5a



7/8" border, 5/8" inset, 2 1/4" radius



Sign Background: White, Retroreflective sheeting

Sign Legend: Black, Non reflective

SIGNSTDP.F11

The SINGLE UNIT VEHICLES SOLO OR COMBINED sign (OR12-5a) may be used as a rider under sign OR12-5 when there is a desire to specify a load limit for single unit vehicles. The weight restriction shown is for single unit vehicles whether by themselves (solo) or with attached trailer (combined). Be sure that the units are consistent between signs OR12-5 and OR12-5a.

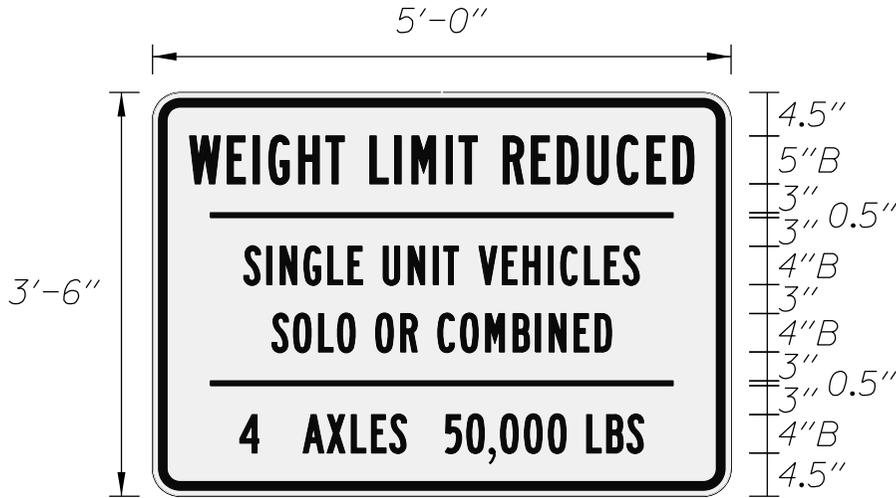
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 1/14

Publication Date: 7/14

Sign No. OR12-5b



$\frac{7}{8}$ " border, $\frac{5}{8}$ " inset, $2 \frac{1}{4}$ " radius



Sign Background: White, Retroreflective sheeting

Sign Legend: Black, Non reflective

SIGNSTDP.F11

The WEIGHT LIMIT REDUCED SINGLE UNIT VEHICLES SOLO OR COMBINED sign (OR12-5b) may be used when there is a desire to specify a load limit for single unit vehicles when there is no need to limit other legal loads. The weight restriction shown is for single unit vehicles whether by themselves (solo) or with attached trailer (combined). For State Highway bridges, use the version with "LBS". For local agency bridges, use the version with "T".

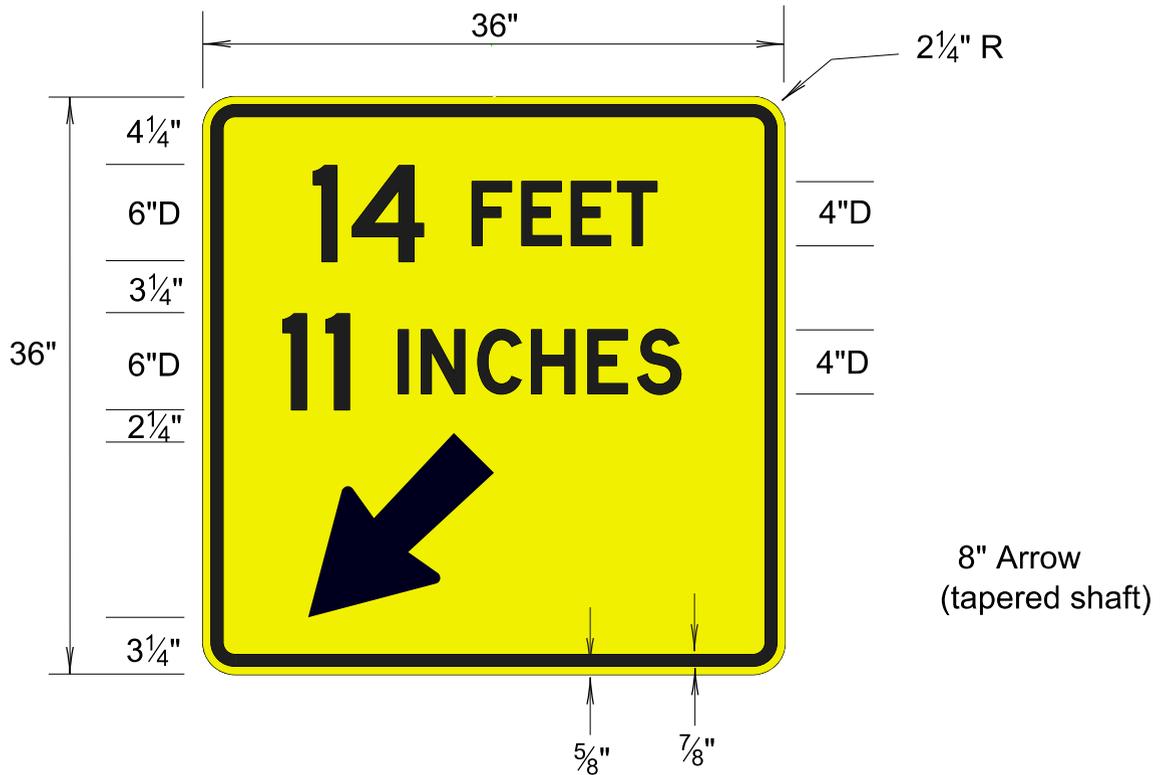
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 1/14

Publication Date: 7/14

Sign No. OW12-2P



Sign Background: Yellow, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F12

The Low Clearance Sign (OW12-2P) is intended to warn motorists of clearances less than 15 feet between the roadway or the shoulder and the structure. The sign shall be mounted on the structure and shall consist of the low clearance dimension and an arrow directed at the low clearance point.

This sign shall always be used in conjunction with the "LOW CLEARANCE" Sign (W12-2).

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/90

Publication Date: 7/14

Sign No. OW15-14



SIGNSTDPG.F12

Sign Background: Yellow, Retro-reflective sheeting

Sign Legend: Black, Non-reflective

The PREPARE TO STOP WHEN LIGHTS FLASH sign shall be a horizontal rectangle with two yellow flashing beacons above the sign. It may be used in advance of a traffic control signal, or a special application thereof, when sight distance or other conditions require an early warning.

The need for such a sign shall be documented by an engineering study that addresses the second standard (paragraph 7) of Section 4D.12 in the MUTCD. Dilemma Zone protection must be considered in the design. (ODOT Traffic Signal Design Manual, Chapter 12)

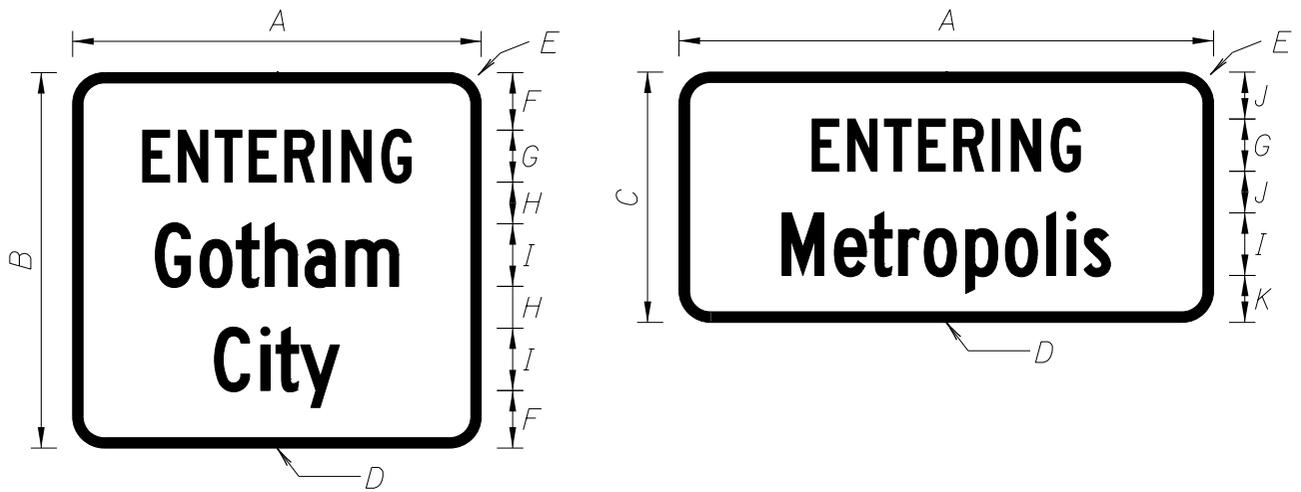
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/90

Publication Date: 7/14

Sign No. OD-411A



Sign Background: Green, Retro-reflective sheeting

Sign Legend: White, Retro-reflective sheeting

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	I	J	K
STANDARD	VAR.	36	24	1	3	5.5	5C *	4	6C **	4	5
FWY./EXPWY.	VAR.	48	36	1	6	7	6EM *	6	8-6EM **	7	8

* All Upper Case
 ** Upper Case - Lower Case

The ENTERING CITY sign may be used at the entrances to all incorporated cities.

An approved city logo rider (24"x24") may be installed below the ENTERING CITY Sign. The city logo shall conform to the criteria outlined for the WELCOME TO XX (OD-413) Sign. An additional logo for an approved statewide or national program (e.g. Tree City USA, Preserve America) may also be installed below the ENTERING CITY Sign. A POPULATION Sign (OD-413A) may also be installed below the ENTERING CITY Sign. However, the number of additional signs installed below the ENTERING CITY Sign shall not be more than two.

ENTERING CITY Signs installed on the interstate highway system shall not have any signs installed below them.

SIGNSTDPG.F13

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/92

Publication Date: 7/14

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.

Roll-Up Signs

Roll-up signs may be used for any sign type in accordance with the ODOT Sign Policy & Guidelines, Oregon Standard Specifications for Construction, ODOT Qualified Products List, and the MUTCD, unless otherwise stated. Roll-up signs may be used when signs are needed at a single location for no more than 48 consecutive hours. Roll-up signs should be removed from the road at the end of each work shift when the condition is no longer in effect. When roll-up signs are used with a single lane of traffic, one sign mounted on the right side of traffic is sufficient. When roll-up signs are used with two or more lanes going in the same direction, roll-up signs should be used on both the left and right sides of traffic. Roll-up signs should not be mounted to vehicles.

BUSINESS ACCESS SIGNS IN CONSTRUCTION PROJECTS

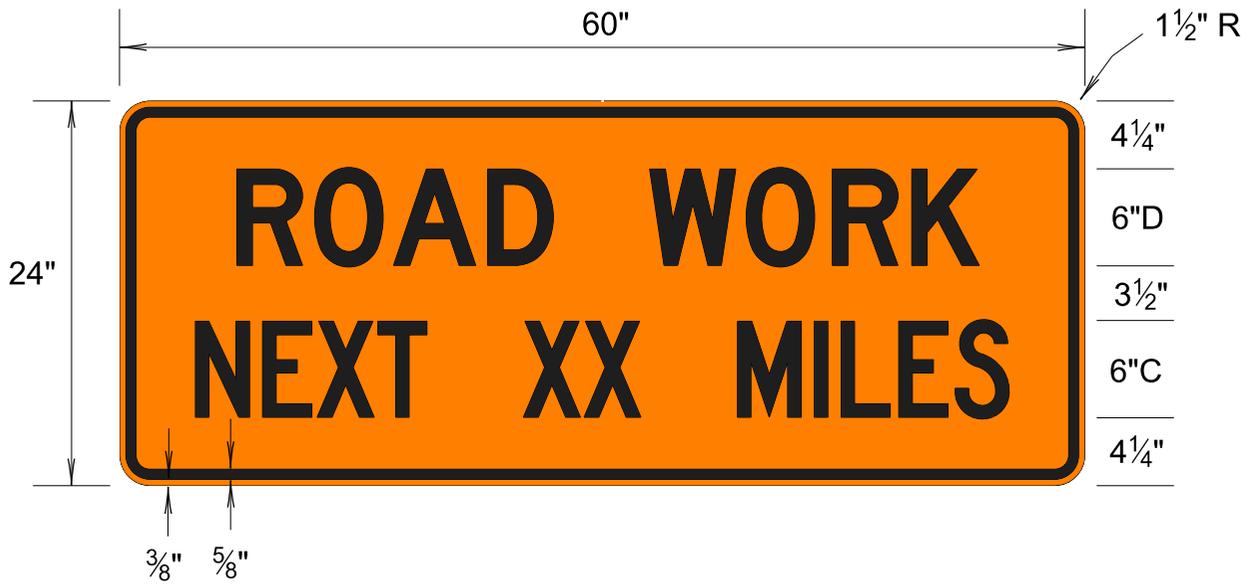
Business accesses severed, relocated or adversely affected during construction may have temporary blue/white motorist services signs installed to better delineate the access.

Use the following guidance to determine the design and placement for temporary “BUSINESS ACCESS” (CG20-11) signing:

1. Project site should be investigated to determine the number and location of accesses, proximity of business frontages to the roadway, and the presence of existing business signing. Project development Teams should discuss the strategy used for determining the need and placement of the signs based on the guidance below.
2. If a single business access is affected, a “BUSINESS ACCESS” sign may be used. A directional arrow rider may be added to indicate the direction to the business depending on the severity of the impact to the access.
3. If several businesses and accesses are affected over an extended section of roadway, consider the following signing strategies:
 - a. An individual access to a single business may be signed with a single “BUSINESS ACCESS” sign. A rider may be installed below the “BUSINESS ACCESS” sign and shall include a maximum of three of the following generic business descriptions: “GAS”, “FOOD”, and/or “LODGING”. Under special circumstances, where the above descriptions may not apply, other generic descriptions may be used – e.g. “POST OFFICE”, “GROCERIES”, “THEATRE”, “SHOPPING MALL”, etc.
 - b. An individual access to multiple businesses may be signed with a single sign reading “BUSINESS ACCESS”. A rider with a maximum of three generic business descriptions may be added – See item 3a above.
 - c. For multiple accesses along sections of roadway for more than ¼ mile, where accesses are less than 100 feet apart (e.g. dense urban or suburban arterials), consider the following strategy:
 - Install a *modified* CG20-11 sign reading “BUSINESS ACCESSES” at the first access point.
 - Delineate all affected access radii with blue plastic tubular markers.
 - Install “BUSINESS ACCESSES” reminder signs on 650 foot intervals through affected areas.
4. Riders shall use 4-inch, type B 2000 or C 2000 font.
5. Limit generic business descriptions to a maximum of two words (e.g. “POST OFFICE”).

6. NO specific business names (e.g. “Chevron”, “Burger King”, Fred Meyer”, Woodburn Factory Stores”, “Washington Square”, etc.) shall be used on “BUSINESS ACCESS” signs or riders.
7. Place the “BUSINESS ACCESS” sign on a single-post temporary sign support at the access point. Existing posts or supports may be used, but must be approved by the respective agency or owner.
8. Use blue plastic tubular markers with blue reflective bands to delineate the radii for all affected business accesses. See the ODOT Unique Special Provision “U00220/00225 Business Access” and ODOT Standard Drawing TM821 for additional usage information.
9. Remove the signs as soon as the permanent access is restored.

Sign No. CG20-1



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

The Length of Work sign should be erected in advance of any temporary traffic control zone of more than 2 miles in length. The distance shall be stated to the nearest whole mile.

G20-1 sign from the MUTCD may be used on low speed roads or off the state highway system.

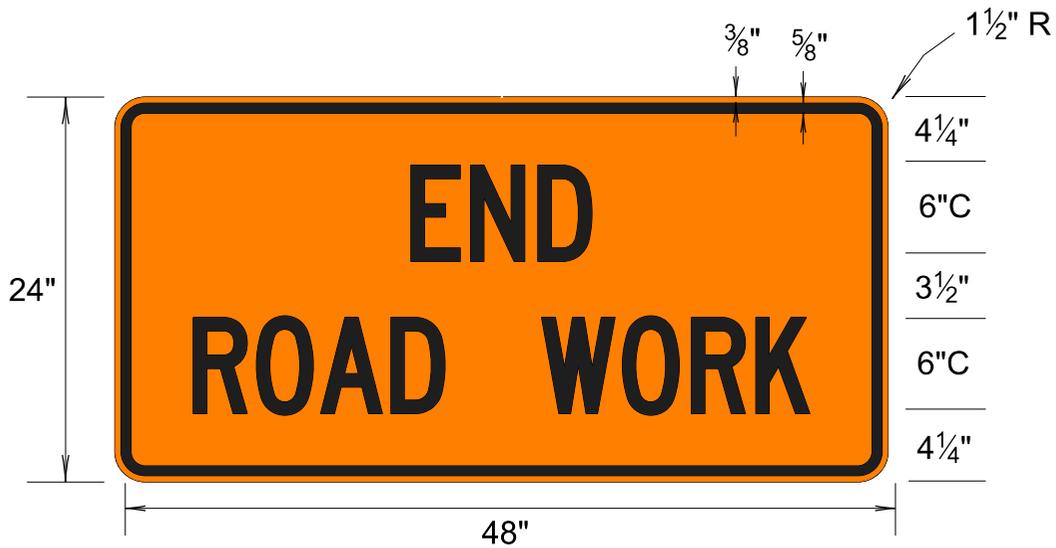
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/95

Publication Date: 7/14

Sign No. CG20-2A



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

The END ROAD WORK sign (CG20-2A) should be erected approximately 500 feet beyond the end of the work area.

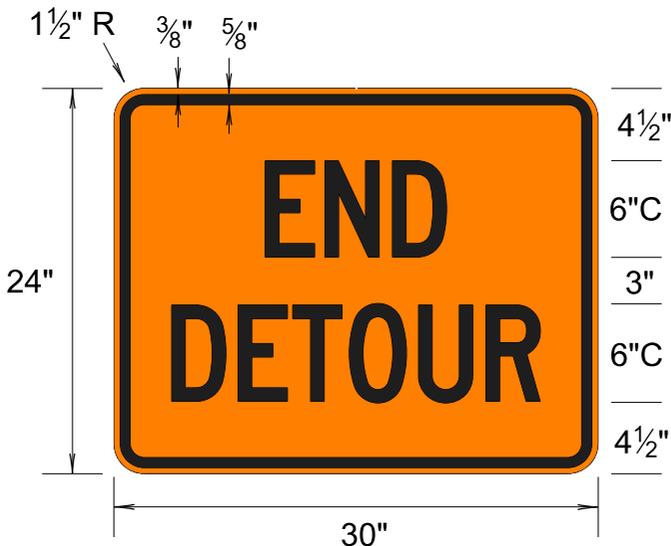
G20-2 sign from the MUTCD may be used on low speed roads or off the state highway system.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/95

Publication Date: 7/14



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

The END DETOUR sign should be used to inform motorists that the detour has ended.

M4-8a sign from the MUTCD may be used on low speed roads or off the state highway system.

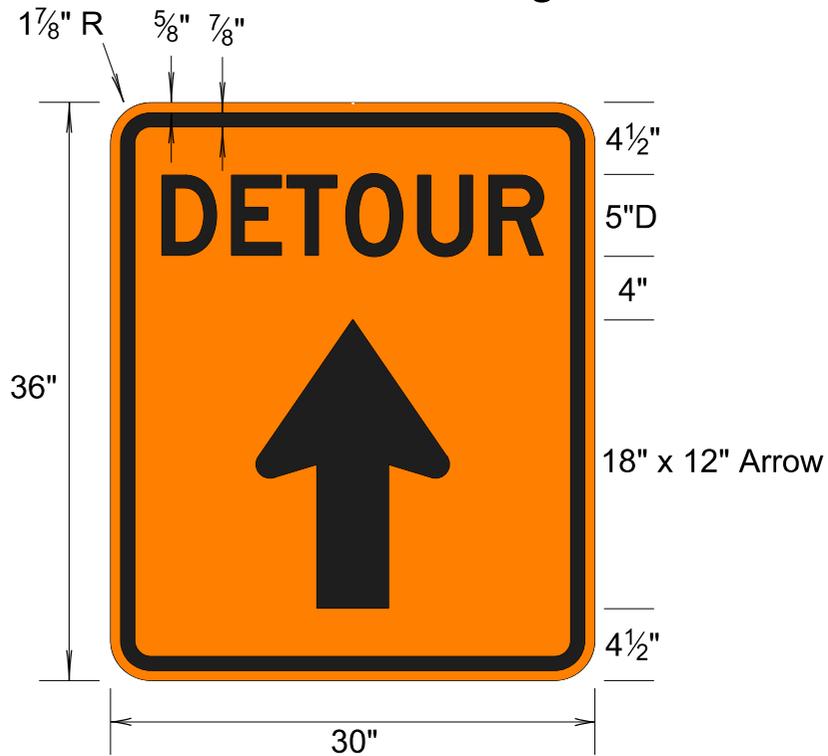
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 6/90

Publication Date: 7/14

Sign No. CG20-6



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

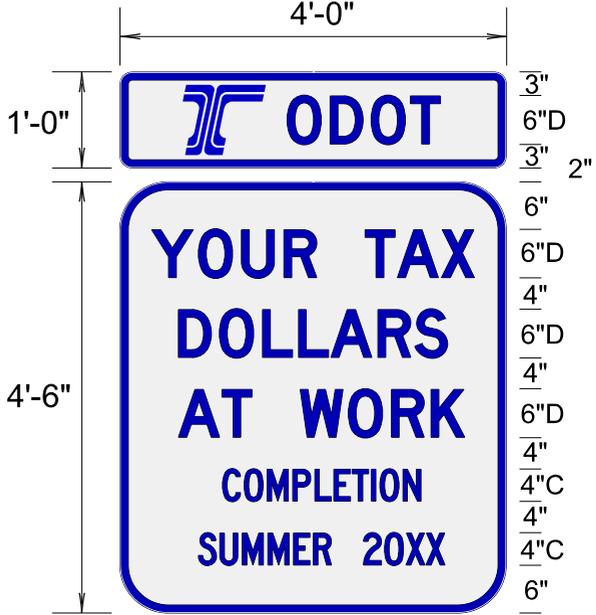
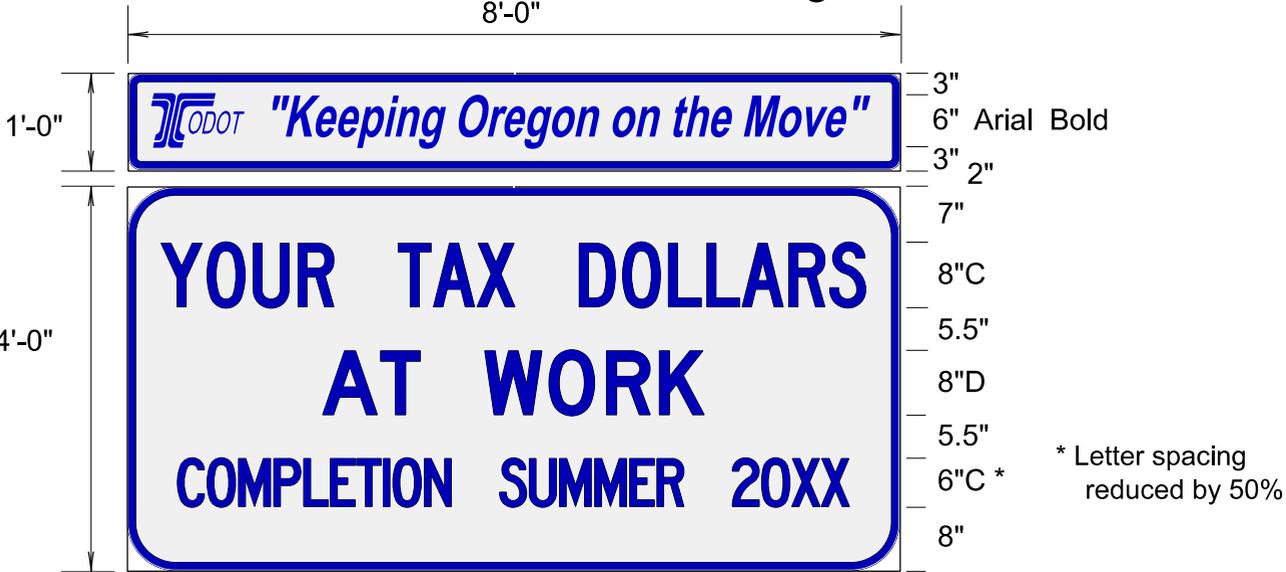
The "DETOUR" with vertical arrow may be used to guide the motorist through the detour. It is expected that this sign would only be used where extra guidance is required.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/92

Publication Date: 7/14



Upper signs: 1 1/2 " Radius
1" Flush border

Lower signs: 6" Radius
1" Flush border

URBAN INSTALLATIONS
(Limited Right-of-Way)

SIGNSTDPG.F14

Sign Background: White, Retroreflective sheeting
Sign Legend: Blue, Non-reflective

The PROJECT IDENTIFICATION sign shall be used to identify all ODOT construction projects.

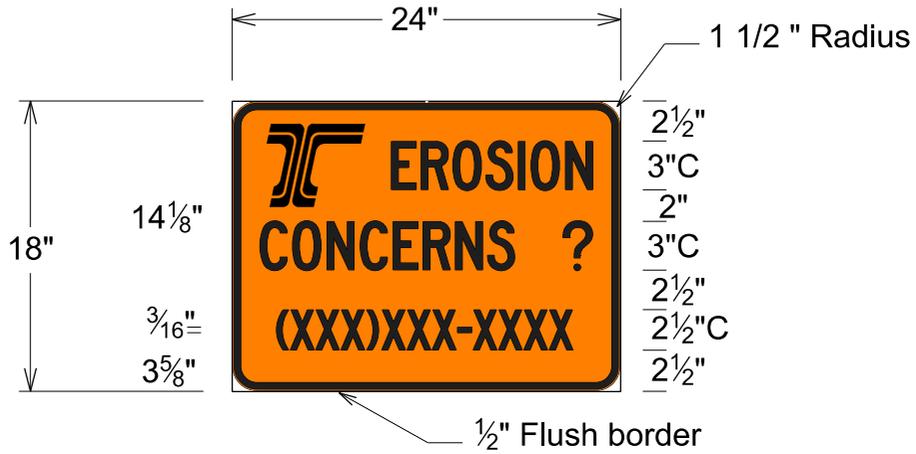
The 4'-0" x 4'-6" sign shall only be used in locations where there isn't adequate room for the 8'-0" x 4'-0" sign.

Additional funding partners can be added with a revised sign design.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E. Date: 7/99 Publication Date: 7/14

Sign No. CG20-10



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-Reflective

The "EROSION CONCERNS" sign may be used on any Construction project to provide a phone number to pedestrians so they can voice their concerns.

SIGNSTDPG.F14

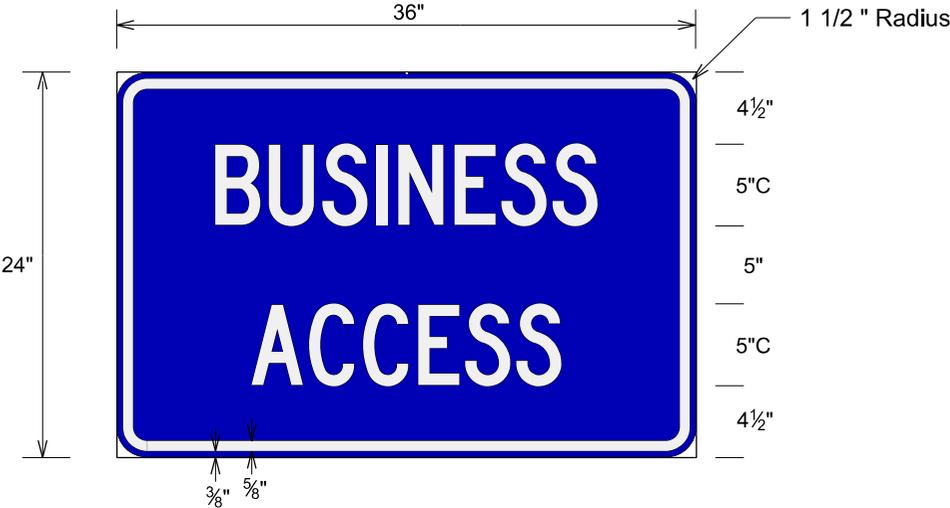
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 7/01

Publication Date: 7/14

Sign No. CG20-11



Sign Background: Blue, Retroreflective sheeting

Sign Legend: White, Retroreflective

SIGNSTDPG.F14

The "BUSINESS ACCESS" sign may be used to inform the motorist where the business access is located during the construction work.

See page 6-2 for criteria and placement details.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 7/01

Publication Date: 7/14



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-Reflective

SIGNSTDPG.F14

The "INTERMITTENT ROAD WORK NEXT XX MILES" may be used to inform drivers of the nature of the work zone.
The distance shall be stated to the nearest whole mile.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/02

Publication Date: 7/14

Sign No. CW11-1



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	
MIN.	36	12	2.5	5C	2¼	7/8	5/8	15	
STD.	48	16.5	3	6C	3	1¼	¾	19	

The BICYCLES ON ROADWAY symbol sign may be used to warn motorists of the presence of bicycles in the traffic lane. The sign should be used when construction work, maintenance operations or other roadway activity prevents bicycles from using the shoulder or bike lane.

OREGON DEPARTMENT OF TRANSPORTATION

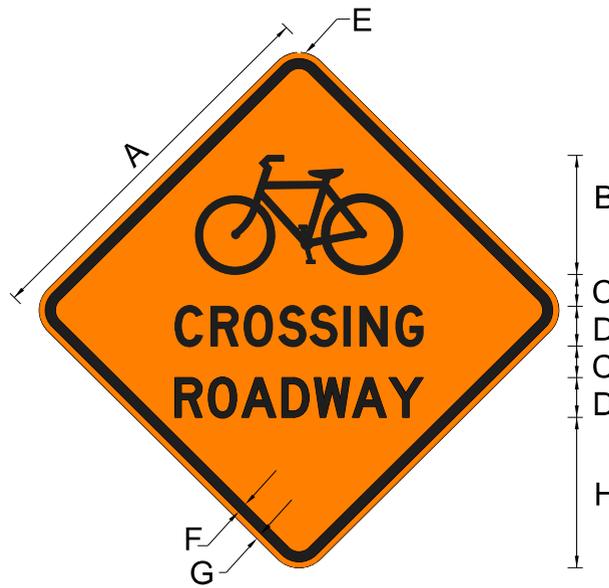
Approved By: S.T.E.

Date: 12/09

Publication Date: 7/14

SIGNSTDPG.F14

Sign No. CW11-1a



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	36	10	3	4D	2 ¹ / ₄	7 ⁷ / ₈	5 ⁵ / ₈	16
STD.	48	15	4	5D	3	1 ¹ / ₄	3 ³ / ₄	19

The BICYCLES CROSSING ROADWAY sign may be used at, and in advance of, crossing locations within the limits of a permitted bicycle event as defined in OAR 734-056-0010 thru 734-056-0050.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 12/09

Publication Date: 7/14

SIGNSTDPG.F14

Sign No. CW11-2



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	
MIN.	36	15	3	4D	2¼	7/8	5/8	14	
STD.	48	20	4	5D	3	1¼	¾	18	

The PEDESTRIANS ON ROADWAY may be used to inform motorists that pedestrians may be present in the roadway within the limits of a permitted pedestrian event as defined in OAR 734-056-0010 thru 734-056-0050.

OREGON DEPARTMENT OF TRANSPORTATION

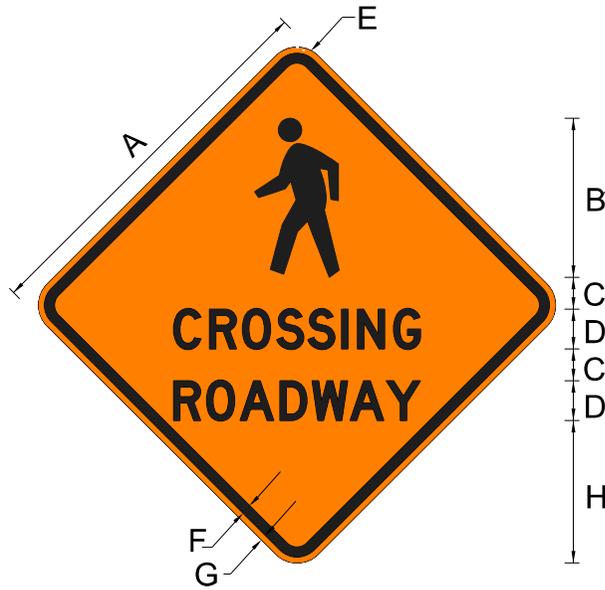
Approved By: S.T.E.

Date: 12/09

Publication Date: 7/14

SIGNSTDPG.F14

Sign No. CW11-2a



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	
MIN.	36	15	3	4D	2¼	7/8	5/8	14	
STD.	48	20	4	5D	3	1¼	¾	18	

The PEDESTRIANS CROSSING ROADWAY sign may be used at, and in advance of, crossing locations within the limits of a permitted pedestrian event as defined in OAR 734-056-0010 thru 734-056-0050.

OREGON DEPARTMENT OF TRANSPORTATION

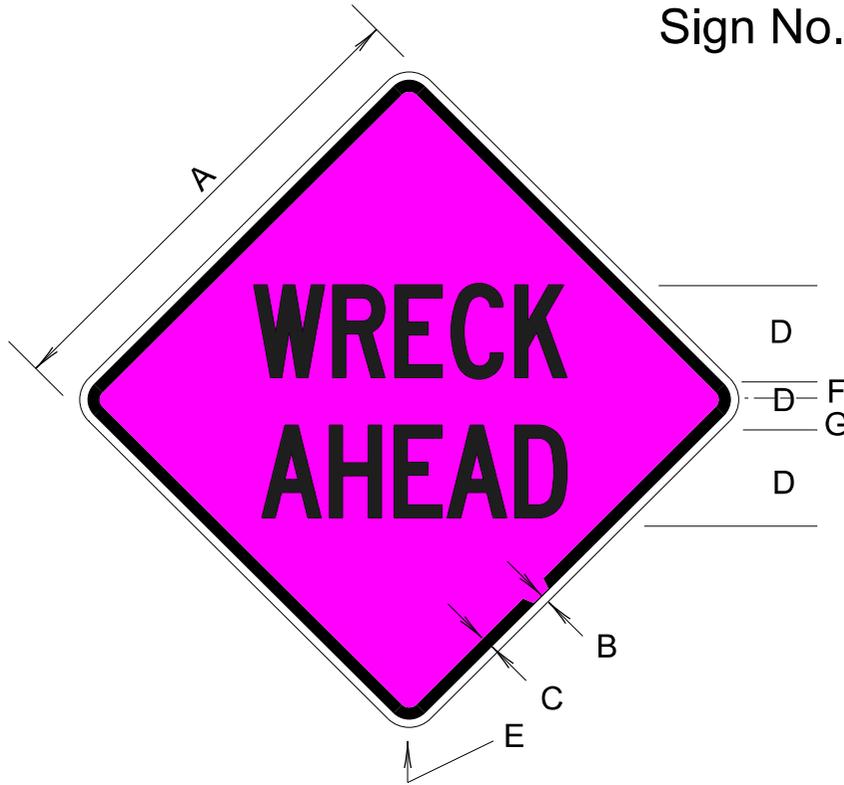
Approved By: S.T.E.

Date: 12/09

Publication Date: 7/14

SIGNSTDPG.F14

Sign No. CW15-10



Sign Background: Fluorescent Pink, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	30	1/2	3/4	6C	1 7/8	1	2
STD.	36	5/8	7/8	7C	2 1/4	1 3/4	1 3/4
SPEC.	48	3/4	1 1/4	8D	3	2 1/2	2 1/2
SPEC.	60	3/4	1 1/4	11D*	3	3 1/2	4 1/2

* use 11C spacing

SIGNSTDPG.F14

The WRECK AHEAD sign is intended for temporary use by road authorities, emergency vehicle, and certified tow vehicle operators to meet the signing requirements of ORS 822.220. The signs shall be removed when the hazard no longer exists.

Existing WRECK AHEAD signs with orange retroreflective background may be used until damaged or worn out.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/92

Publication Date: 7/14

Sign No. CW 15-15



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGNSTDPG.F14

The EVENT AHEAD sign shall be used to warn of pedestrian activity as per OAR 734-058-0010 thru 734-058-0080.

The EVENT AHEAD sign may be used to warn of a special event as per OAR 734-056-0010 thru 734-056-0050.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 1/09

Publication Date: 7/14

Sign No. CW15-15a



Sign Background: Fluorescent Orange, Retroreflective Sheeting
 Sign Legend: Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	36	10	3	4D	2 1/4	7/8	5/8	15
STD.	48	15	4	6D	3	1 1/4	3/4	19

SIGNSTDPG.F14

The BICYCLE EVENT AHEAD sign may be used in advance of entry points of a permitted bicycle event as defined in OAR 734-056-0010 thru 734-056-0050.

The EVENT AHEAD (CW15-15) sign may be used instead of sign CW15-15a.

The BICYCLE RACE AHEAD (OBW16-2) sign may be used instead of CW15-15a until January 2015 provided the sign meets ATSSA acceptable standard as outlined in ATSSA's "Quality Guidelines for Temporary Traffic Control".

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 12/09

Publication Date: 7/14

Sign No. CW15-15b



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	
MIN.	36	15	3	4D	2 1/4	7/8	5/8	13	
STD.	48	20	4	6D	3	1 1/4	3/4	17	

The PEDESTRIAN EVENT AHEAD sign may be used in advance of entry points of a permitted pedestrian event as defined in OAR 734-056-0010 thru 734-056-0050.

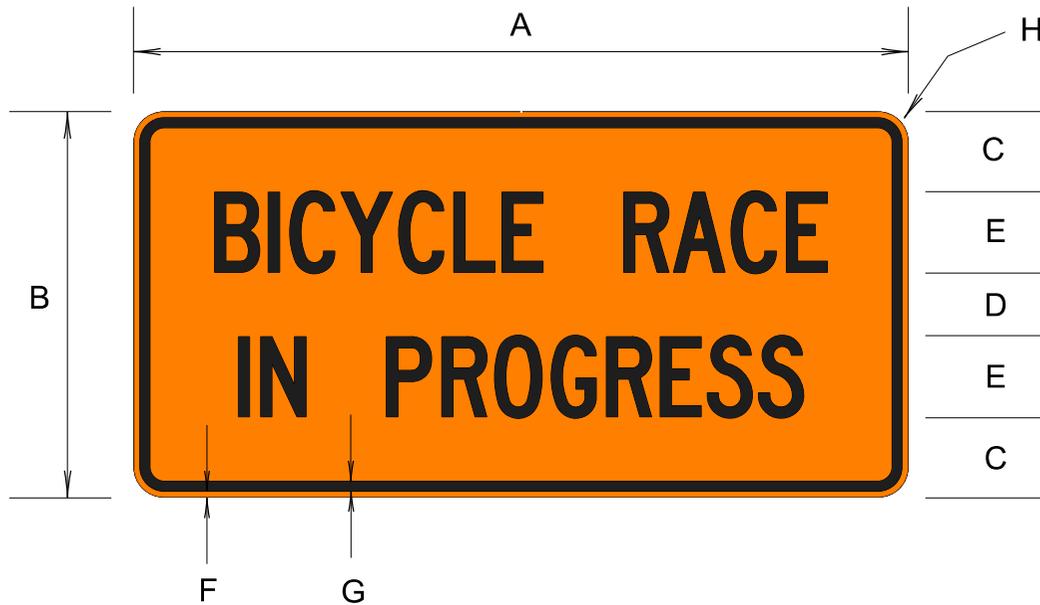
The EVENT AHEAD (CW15-15) sign may be used instead of sign CW15-15b.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 12/09

Publication Date: 7/14



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN.	24	12	2 ¹ / ₄	1 ¹ / ₂	3B	1/4	1/4	1/2
STD.	48	24	5	4	5C	3/8	5/8	1 ¹ / ₂

SIGNSTDPG.F15

The "BICYCLE RACE IN PROGRESS" sign shall be displayed on the bicycle race escort vehicles if required by the race permit. See special events permits OAR 734-056-0010 thru 734-056-0050

The standard size sign should be used on state highways.

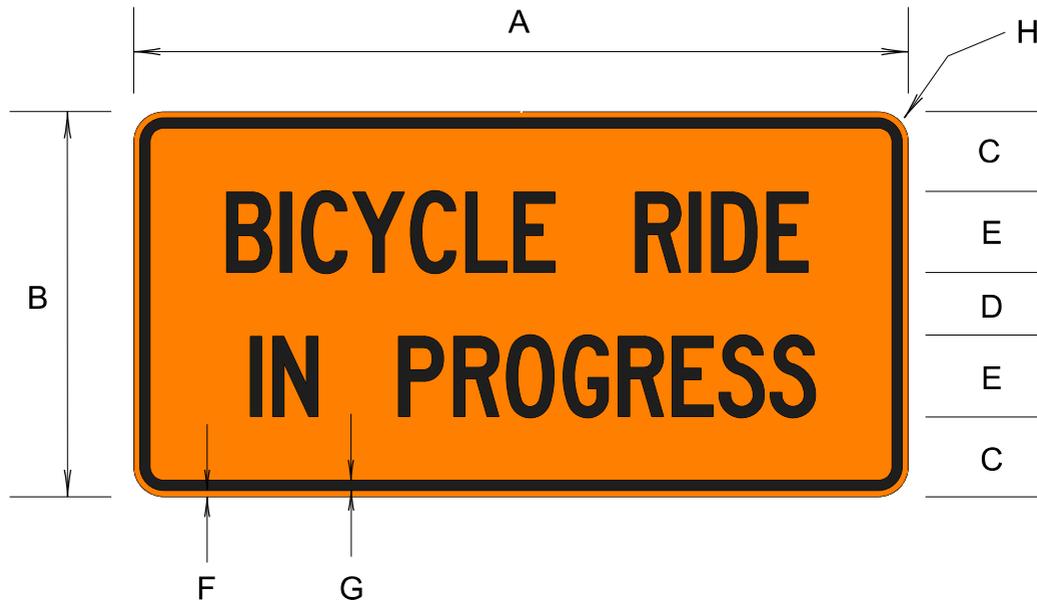
A lightweight sign substrate may be used.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/92

Publication Date: 7/14



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	
MIN.	24	12	2 $\frac{1}{4}$	1 $\frac{1}{2}$	3B	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	
STD.	48	24	5	4	5C	$\frac{3}{8}$	$\frac{5}{8}$	1 $\frac{1}{2}$	

SIGNSTDPG.F15

The "BICYCLE RIDE IN PROGRESS" sign shall be displayed on the bicycle ride escort vehicles if required by the ride permit. See special event permits OAR 734-056-0010 thru 734-056-0050.

The standard size sign should be used on state highways.

A lightweight sign substrate may be used.

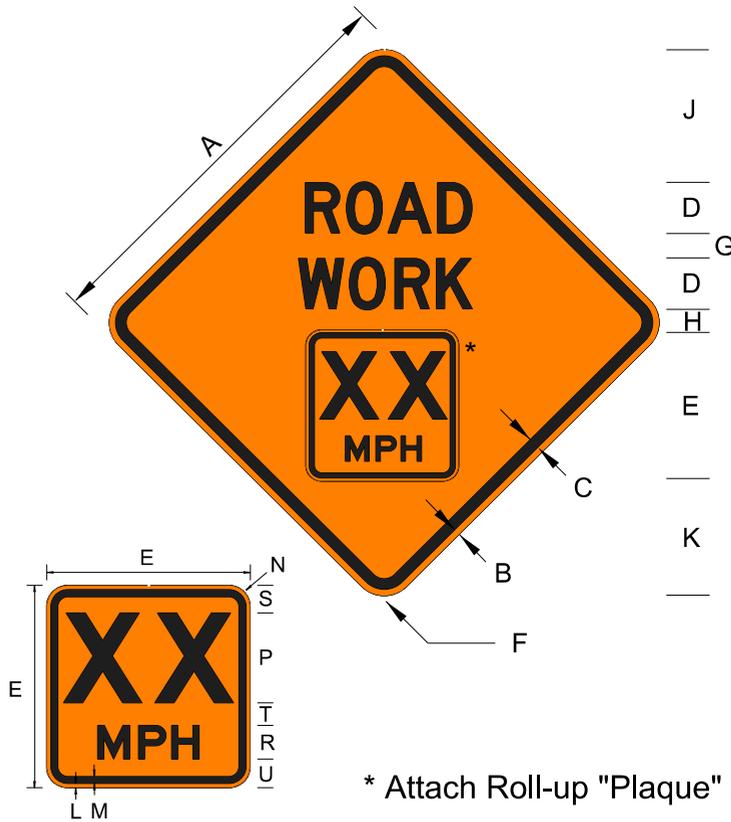
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/92

Publication Date: 7/14

Sign No. CW20-1a



Sign No. CW8-7a



* Attach Roll-up "Plaque" as required

Sign Background: Fluorescent Orange, Retroreflective Roll-up sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
MIN.	36	5/8	7/8	5D	12	2 1/4	2 1/2	2 1/2	12 3/4	8 3/4	3/8	5/8	1 1/2	5E	2E	2 1/4	1	1 3/4
STD.	48	3/4	1 1/4	6D	18	3	3	4	15 7/8	11 7/8	3/8	5/8	1 1/2	8E	3E	2 1/2	2	2 1/2

SIGNSTDPG.F14

The ROAD WORK (LOOSE GRAVEL) XX MPH roll-up sign may be used to advise motorists of the safe speed through a construction area. The sign shall be used only at the direction of the Project Manager/Resident Engineer of the contracting agency and shall not be used to indicate any speed other than an advisory speed. Care should be taken in determining the advisory speed so as to obtain a safe and yet reasonable speed through the construction area.

The ROAD WORK (LOOSE GRAVEL) XX MPH roll-up sign shall be erected only in conjunction with and immediately following a ROAD WORK AHEAD sign (W20-1) and at intervals through the construction area as needed. These signs are intended to be made to accommodate removable XX MPH plaques, as appropriate.

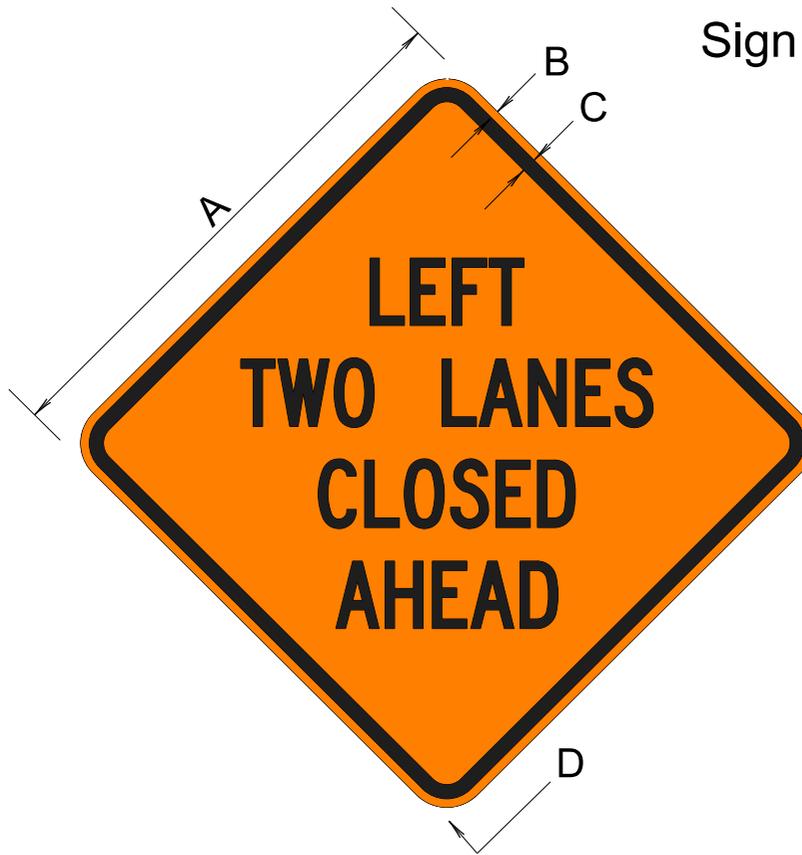
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/06

Publication Date: 7/14

Sign No. CW20-5a



E
F
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E

Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	5/8	7/8	2 1/4	5C	2						
STD.	48	3/4	1 1/4	3	6C	3						

The LEFT TWO LANES CLOSED AHEAD sign (CW20-5a) shall be used in work zones in advance of locations where the left two adjacent lanes of a multi-lane roadway are closed.

SIGNSTDPG.F14

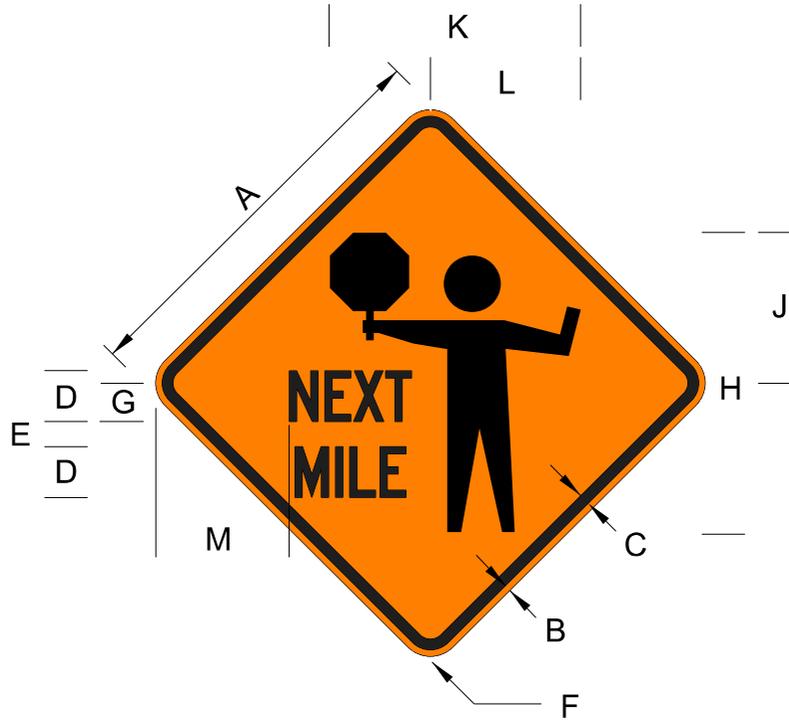
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 9/06

Publication Date: 7/14

Sign No. CW20-7b



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	$\frac{5}{8}$	$\frac{7}{8}$	5C	$2\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{3}{4}$	24	13	20	$14\frac{1}{2}$	$12\frac{3}{4}$
STD.	48	$\frac{3}{4}$	$1\frac{1}{4}$	6C	3	3	$4\frac{1}{4}$	36	$17\frac{1}{2}$	30	$17\frac{1}{4}$	$15\frac{1}{2}$

The FLAGGER NEXT MILE sign may be used to warn motorists of a flagger ahead for work zones that move along the road intermittently and involve frequent short work durations. Only use this sign when the work can move through a one mile segment in three hours or less.

The FLAGGER NEXT MILE sign shall not be used for work zones that exceed one mile in length.

When the flagger is more than 1000 feet from the FLAGGER NEXT MILE sign, intermittent cones shall be placed on the shoulder. Cones should be placed at intervals as indicated on the diagram in the Oregon Temporary Traffic Control Handbook (Diagram 325).

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/06

Publication Date: 7/14

Sign No. CW20-9



Sign Background: Fluorescent Orange, Retroreflective Sheeting

Sign Legend: Black, Non-Reflective

SIGNSTDPG.F14

The "24 HOUR FLAGGING AHEAD" sign may be used for special emphasis when round-the-clock flagging operations are in place. This sign shall be removed when the condition no longer exists.

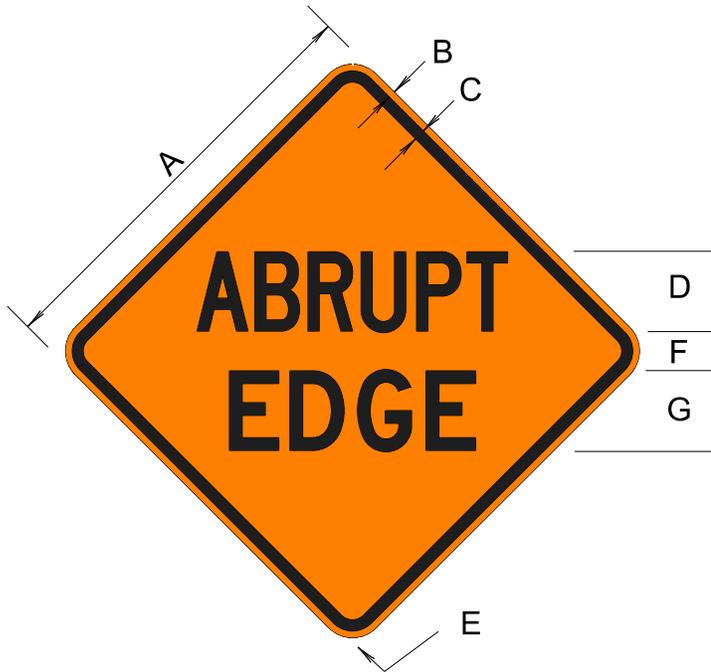
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/03

Publication Date: 7/14

Sign No. CW21-7



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	36	$\frac{5}{8}$	$\frac{7}{8}$	7C	$2\frac{1}{4}$	$3\frac{1}{2}$	7D
STD.	48	$\frac{3}{4}$	$1\frac{1}{4}$	9C	3	$4\frac{1}{2}$	9D

The ABRUPT EDGE sign is intended for use in construction areas where the roadway is being repaved and paving operations are incomplete resulting in an abrupt pavement edge. The ABRUPT EDGE sign may also be used in construction areas where there is an area being excavated close to the traveled lanes. When used, it may be supplemented with an appropriate rider (CW21-8a, 8b or 8c).

SIGNSTDPG.F14

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/90

Publication Date: 7/14

Sign No.



CW21-8A



CW21-8B



CW21-8C

Margin 3/8 "

Border 5/8 "

Radius 1 1/2 "

SIGNSTDPG.F14

Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

Abrupt Edge Riders: LEFT, CENTER, RIGHT
CW21-8a, 8b, 8c

These riders are to be used to further identify the location of the abrupt pavement edge in relation to the lane of travel.

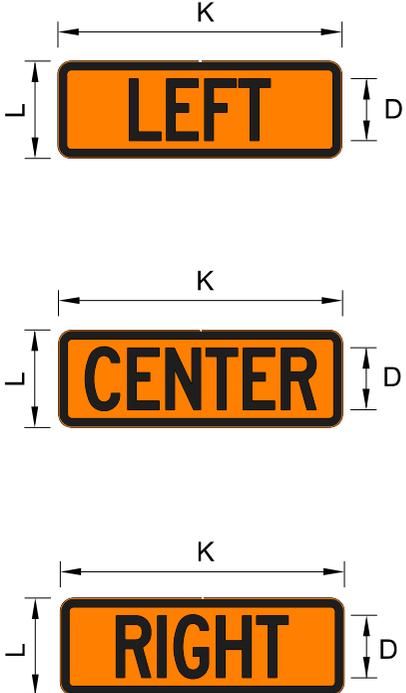
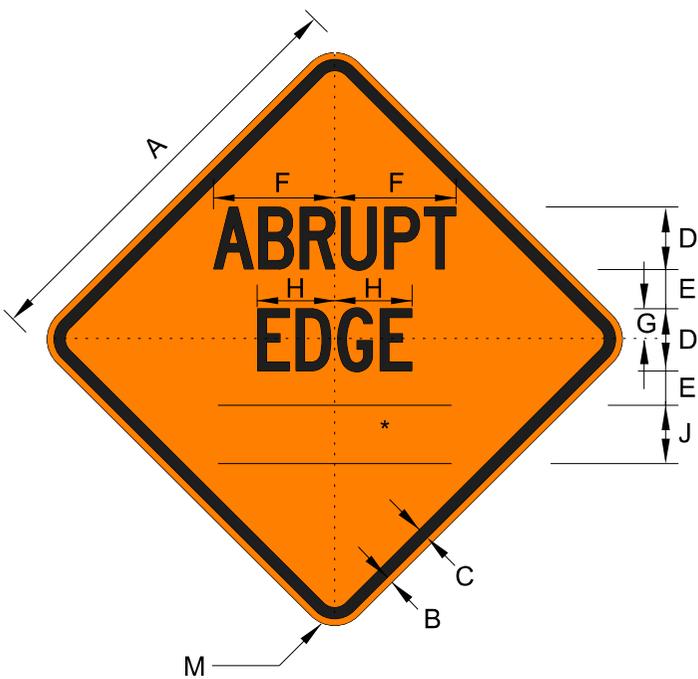
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/90

Publication Date: 7/14

Sign No. CW21-9



* Attach Roll-up "Plaque" as required

Sign Background: Fluorescent Orange, Retroreflective Roll-up sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	5/8	7/8	5C	3 1/2	10 3/4	2 1/2	6 5/8	5	23	8	2 1/4
STD.	48	3/4	1 1/4	7C	4 1/2	15	3 1/2	9 1/4	7	32	11	3

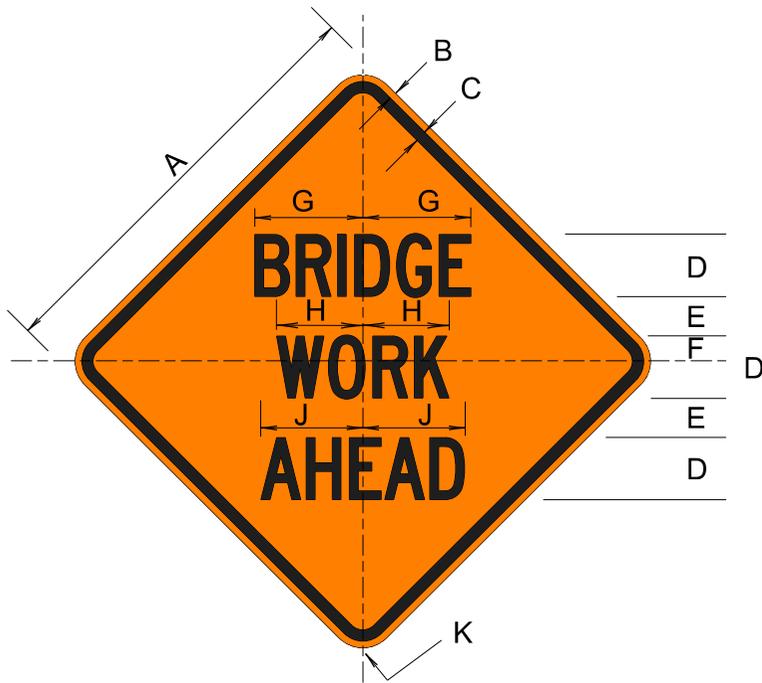
SIGNSTDPG.F14

The ABRUPT EDGE roll-up sign may be used in lieu of Sign CW21-7 and CW21-8 in construction areas where incomplete paving operations result in an abrupt edge. This sign is intended to be made to accommodate removable LEFT, CENTER or RIGHT "Plaques", as appropriate.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C. Date: 10/03 Publication Date: 7/14

Sign No. CW21-10



Sign No. CW21-11



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	36	$\frac{5}{8}$	$\frac{7}{8}$	5C	$3\frac{1}{4}$	$2\frac{1}{8}$	$9\frac{9}{16}$	$7\frac{1}{2}$	$8\frac{3}{4}$	$2\frac{1}{4}$
STD.	48	$\frac{3}{4}$	$1\frac{1}{4}$	7C	$4\frac{1}{2}$	$2\frac{7}{8}$	$13\frac{1}{2}$	$10\frac{1}{2}$	$12\frac{1}{4}$	3

SIGNSTDPG.F14

The BRIDGE WORK AHEAD sign (CW21-10) shall be used to warn motorists of bridge construction operations on or adjacent to the roadway when such construction is confined to the bridge itself. When bridge construction is part of a continuous road construction zone, the use of this sign is optional.

When used in conjunction with other signs, it would be placed in advance of such signs.

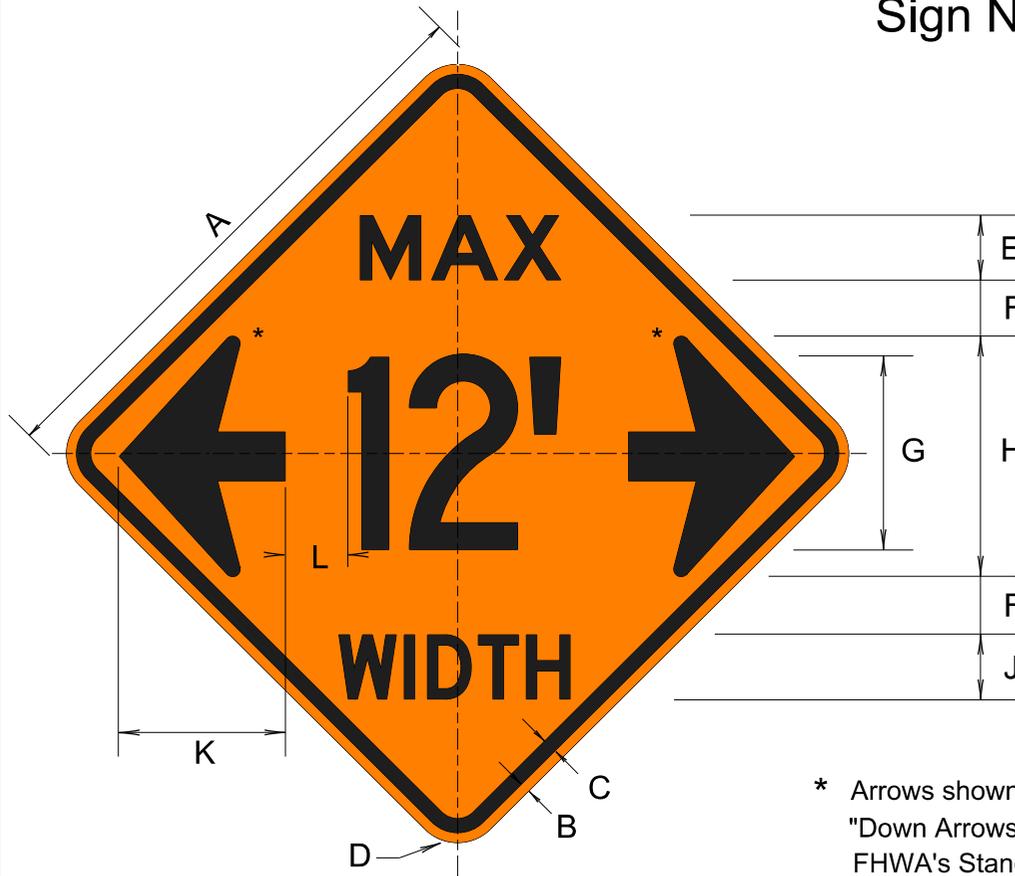
The SIGNAL WORK AHEAD sign (CW21-11) may be used in addition to all other required advance warning signs to inform motorists that work is being performed on the traffic signal at the upcoming intersection, school crossing, etc.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/95

Publication Date: 7/14



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STD.	36	5/8	7/8	2 1/4	4E	1 1/2	12C	15	4D	10 1/4	1 1/2
SPEC.	48	3/4	1 1/4	3	6E	2	16C	20	6D	13 3/4	2

The horizontal clearance sign may be used to warn motorists of road width reductions less than 19 feet between positive barriers on either side of the road (e.g. face of concrete barrier to face of concrete barrier, face of guardrail to face of guardrail). The actual width shall be shown to the nearest 1 foot, not exceeding the actual clearance.

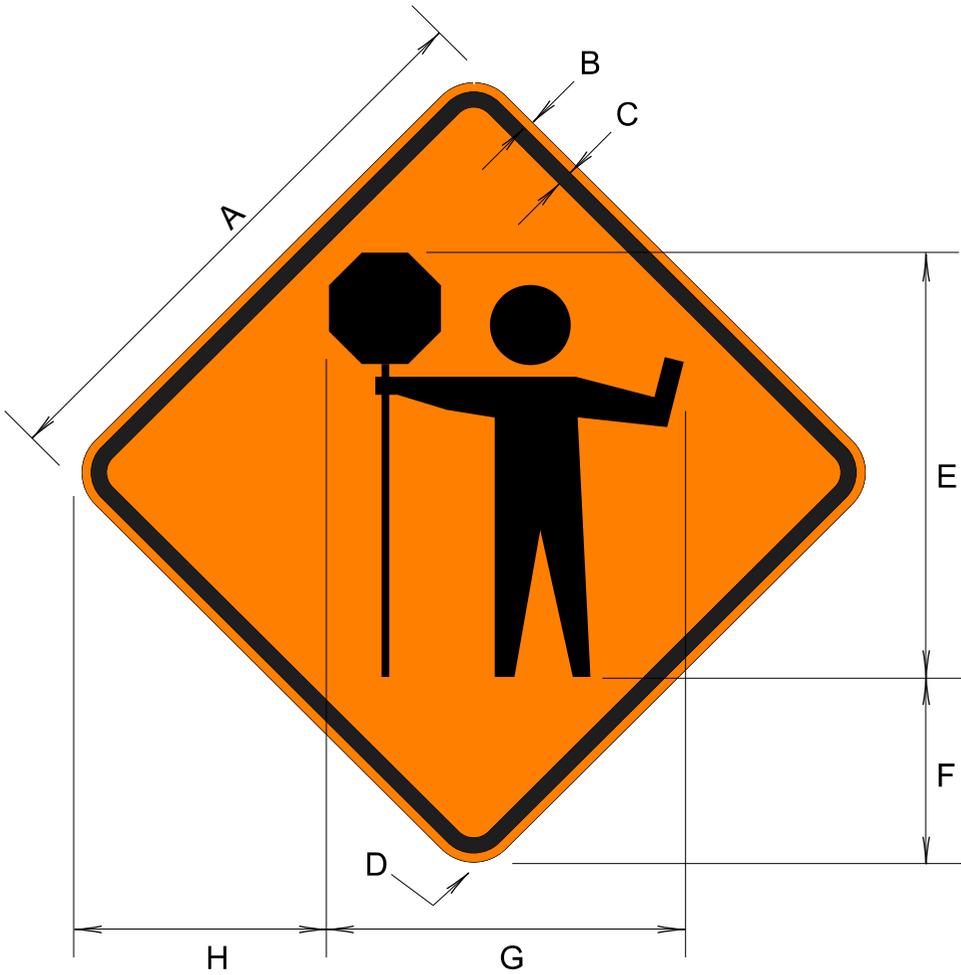
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 3/94

Publication Date: 7/14

SIGNSTDPG.F14



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
MIN.	36	5/8	7/8	2 1/4	24	12 1/4	20	16				
STD.	48	3/4	1 1/4	3	36	14 3/4	30	20				

The FLAGGER AHEAD symbol sign may be used as an alternate to the flagger ahead symbol sign W20-7a shown in the MUTCD. For ODOT highway construction contracts (maintenance, utility, and permit work) do not use the W20-7a sign.

The FLAGGER AHEAD symbol sign shall also be used to warn motorists of an Automated Flagger Assistance Device (AFAD) when used in a work zone.

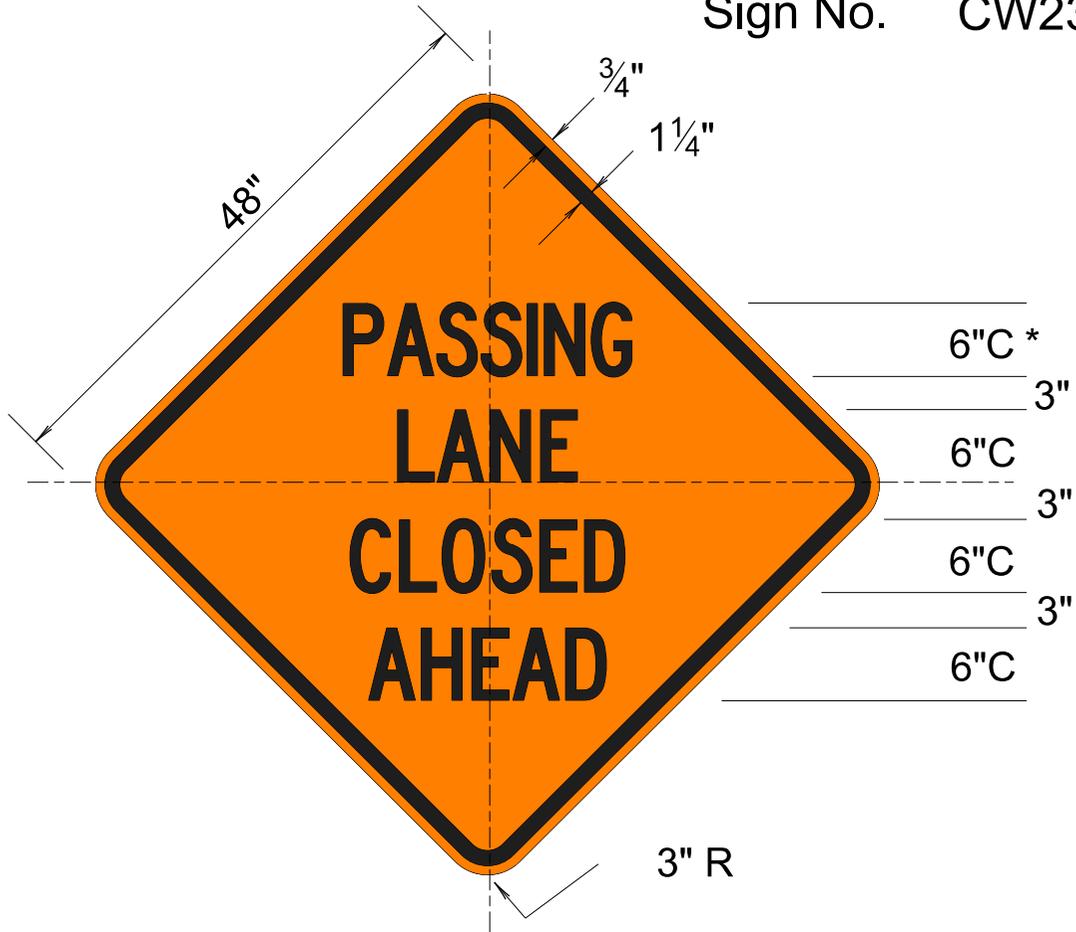
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 5/98

Publication Date: 7/14

Sign No. CW23-6



* Reduce spacing 30%

SIGNSTDPG.F14

Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

The PASSING LANE CLOSED AHEAD sign should be used to warn the motorist of this condition.

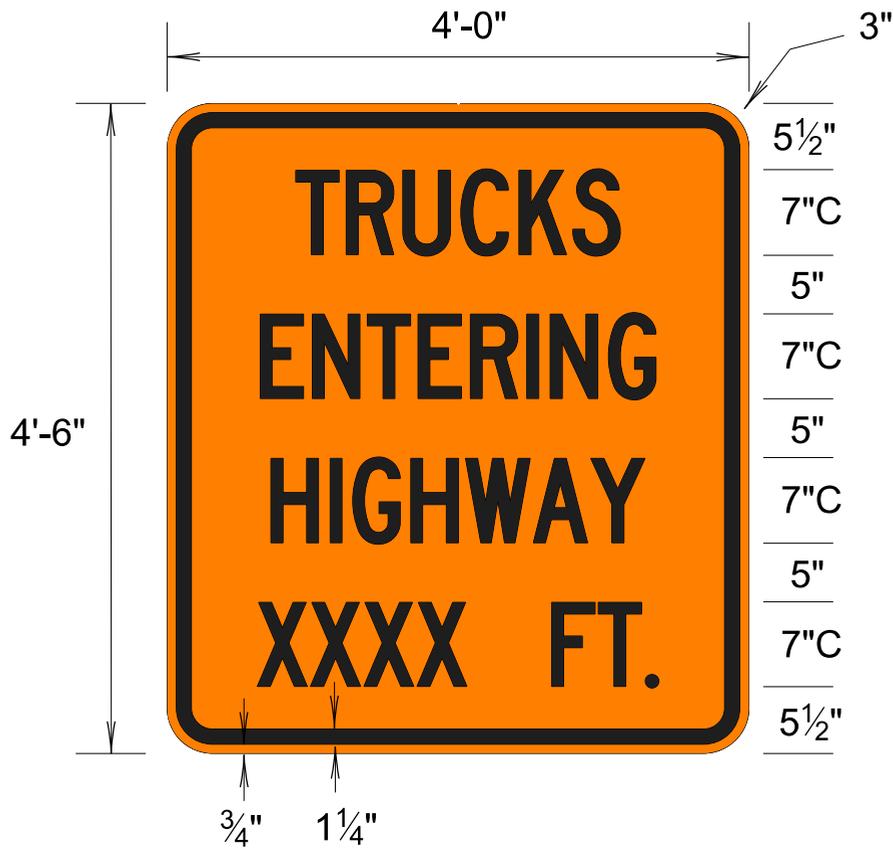
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 1/90

Publication Date: 7/14

Sign No. CW23-7



SIGNSTDPG.F14

Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

The TRUCKS ENTERING HIGHWAY XXXX FT. sign should be used to warn the motorist of trucks entering the highway at places other than a normal intersection.

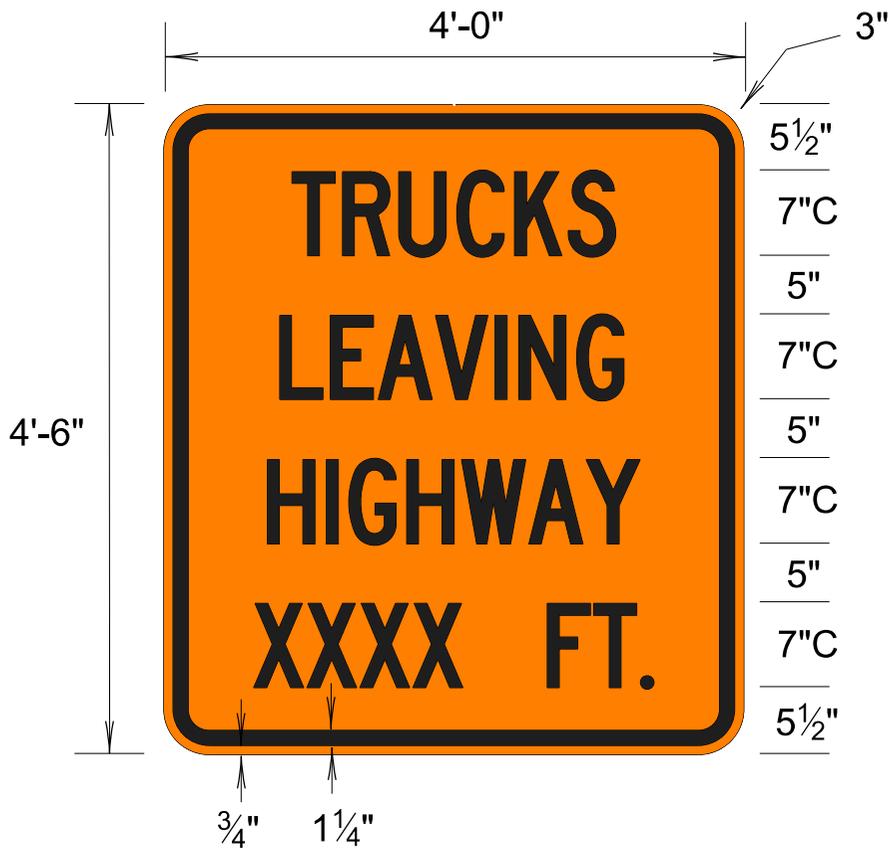
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 6/90

Publication Date: 7/14

Sign No. CW23-8



SIGNSTDPG.F14

Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

The TRUCKS LEAVING HIGHWAY XXXX FT. sign should be used to warn the motorist of trucks leaving the highway at places other than a normal intersection.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: O.T.C.

Date: 6/90

Publication Date: 7/14

Sign No. CW23-12



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

The LEFT TURN LANE CLOSED AHEAD sign may be used to warn traffic that they can not use the Left Turn Lane Ahead. This sign should be used as the advance warning for the LEFT TURN LANE CLOSED sign when spacing allows.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 10/02

Publication Date:

7/14

Sign No. CW23-13



Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

The LEFT TURN LANE CLOSED sign (CW23-13) should be used where construction activities require the closing of the Left Turn Lane. The LEFT TURN LANE CLOSED AHEAD sign (CW23-12) should be used as an advance warning to allow the driver to think of alternate routes prior to reaching the LEFT TURN LANE CLOSED sign (CW23-13).

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 10/02

Publication Date: 7/14



* Letter spacing reduced by 20%

Sign Background: Fluorescent Orange, Retroreflective sheeting

Sign Legend: Black, Non-reflective

SIGNSTDPG.F14

The CONSTRUCTION VEHICLE/DO NOT FOLLOW sign may be used on the back of a construction vehicle to discourage motorists from following it out of the travel lane into a work area. A typical application: on asphalt trucks participating in paving operations.

The CONSTRUCTION VEHICLE/DO NOT FOLLOW sign shall be mounted on a rigid substrate.

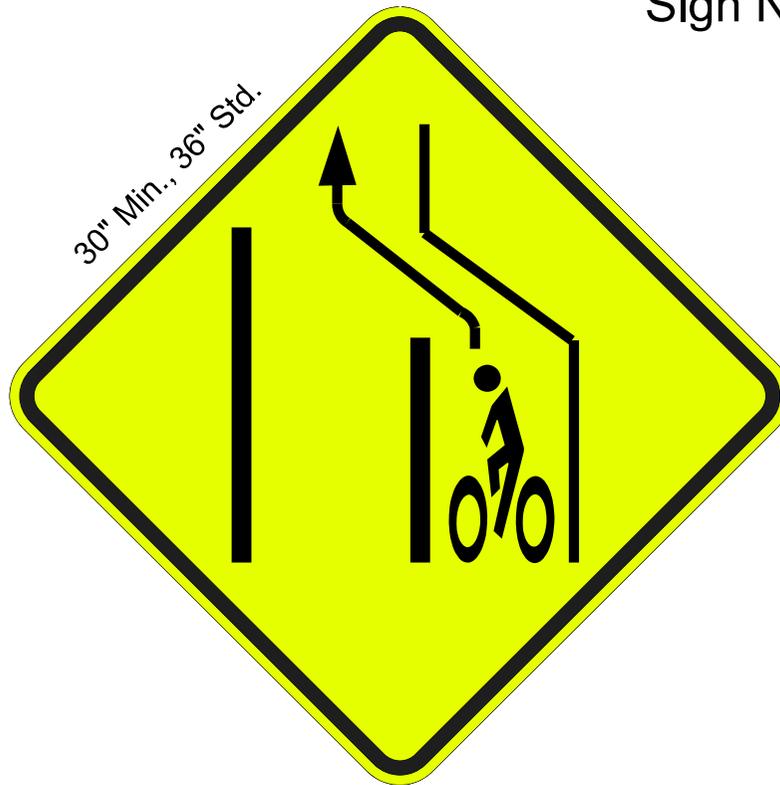
OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 1/05

Publication Date: 7/14

Sign No. OBW1-9



Sign Background: Yellow, Retroreflective sheeting

Sign Legend: Black

SIGNSTDPG.F15

The bike lane ends symbol sign may be used where a bicycle lane is abruptly terminated and the rider must merge with the through lane of traffic.

OREGON DEPARTMENT OF TRANSPORTATION

Approved By: S.T.E.

Date: 2/97

Publication Date: 7/14