



Highway Restriction Notice Training for Contractors



ODOT Statewide Traffic Mobility Program

Bill Gross

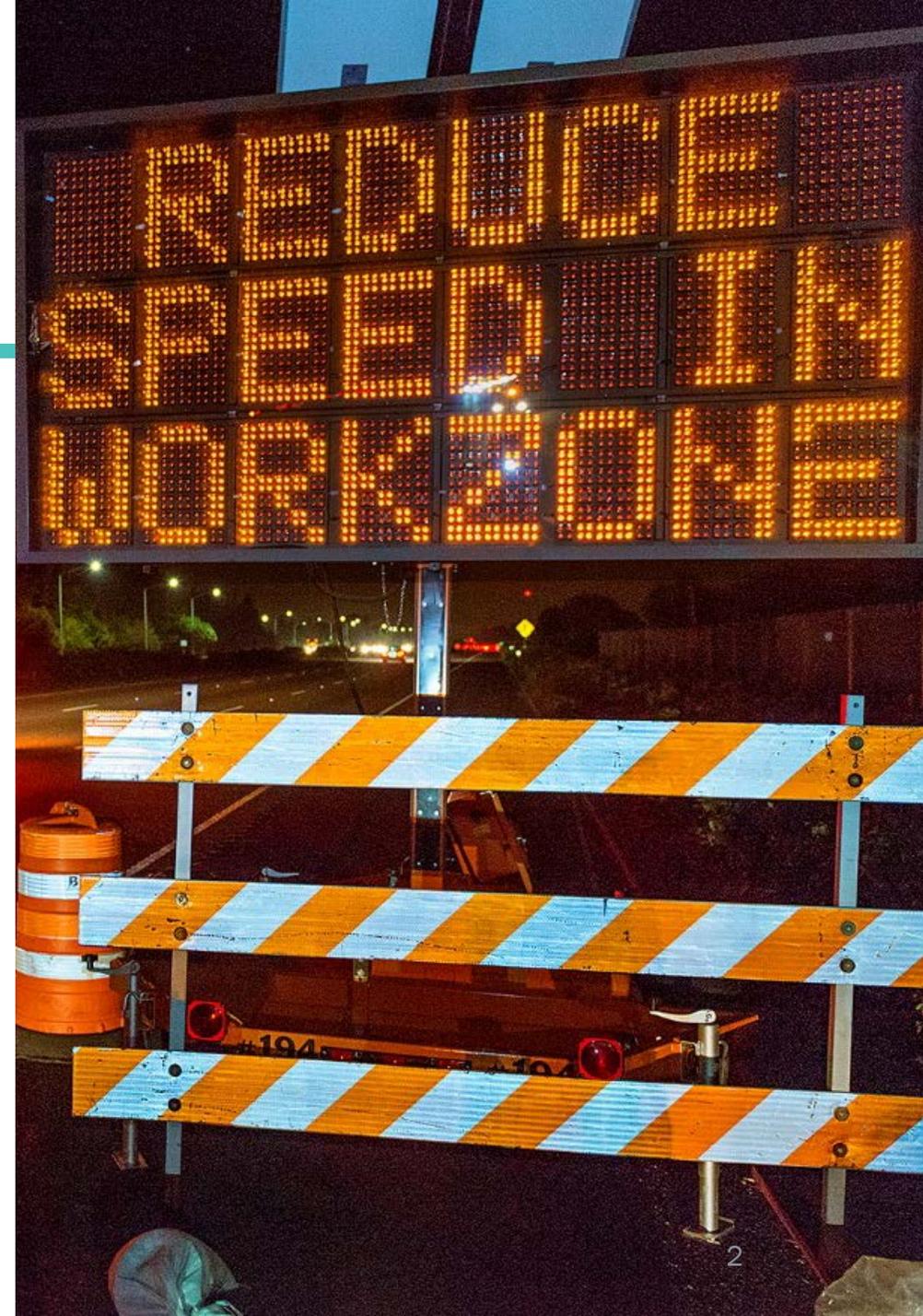
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Agenda

1. Why Notification is Essential
2. Roles & Responsibilities
3. Notification Requirements & Best Practices
4. Restriction Considerations
5. Restriction Notice Form Walk-Thru
6. Q&A



1. Why Notification is Essential

Section 1 - (Location/Project/Event Name) Help: [Video](#) / [User Guide](#)

Route Number: * Restriction Notice Number: **NEW**

Beginning Mile Point: * Ending Mile Point: *

Direction: Northbound Southbound Eastbound Westbound *

Highway Local Name:

City/Town Nearby: *

Project Name: Project Key:

Contract Number: Name of Event/Parade:

Bridge Structure Name:

Bridge Structure Milepost: Bridge Structure Number:

Section 2 - (Restriction Hours/Days and Explanation of Work) Help: [Video](#) / [User Guide](#)

Date Work Begins: * Estimated Completion Date: *

The duration (start/end date entered) shall not exceed the anticipated actual restriction period.

Is restriction 24 X 7? No Yes *

Provide a detailed explanation of the work: *

Section 3 - (Full Highway Closures) Help: [Video](#) / [User Guide](#)

Is this restriction notice submittal for Full Highway Closure? Yes No *

Highway Restriction Notice Coordination

Keeps people
& freight
moving safely
& efficiently.



Protects the
work zone.



Highway Restriction Coordination helps prevent

BIG STUFF



from showing up when & where they shouldn't



Why Notification is Essential

Example



Manufactured home stuck in a work zone



Another example in Tennessee...

Why
Notification
is Essential

Oversized load stuck in work zone in Kingsport on I-26 East; Traffic diverted

By: News Channel 11 Staff

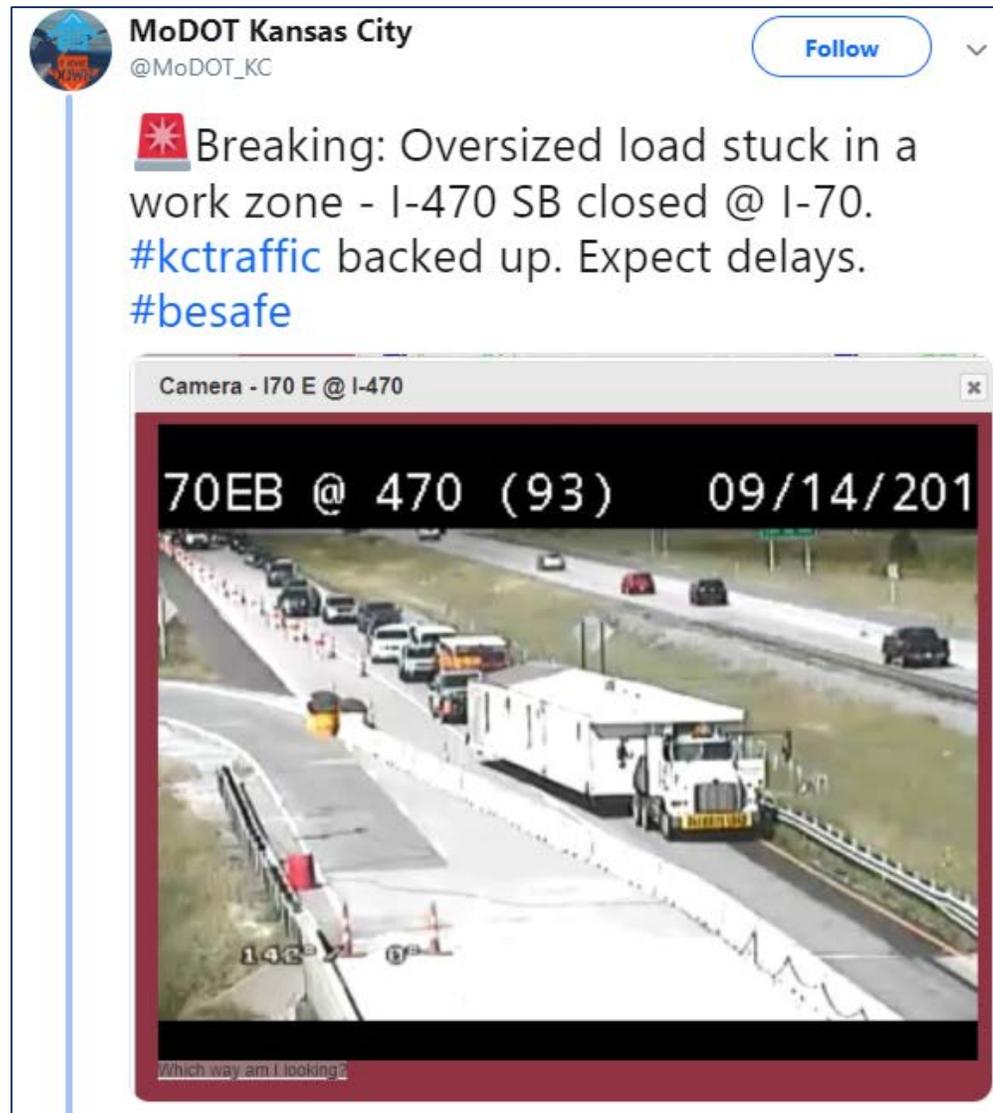
Posted: Sep 25, 2018 12:11 PM EDT

Updated: Sep 25, 2018 12:15 PM EDT



Why Notification is Essential

And in Kansas...



MoDOT Kansas City
@MoDOT_KC

Follow

Breaking: Oversized load stuck in a work zone - I-470 SB closed @ I-70. #kctrffic backed up. Expect delays. #besafe

Camera - I70 E @ I-470

70EB @ 470 (93) 09/14/201



Which way am I looking?

Highway Restriction Coordination is vital to **OREGON'S ECONOMY**

Restriction
Notifications help
ODOT provide a
reliable system
for moving goods
and people.

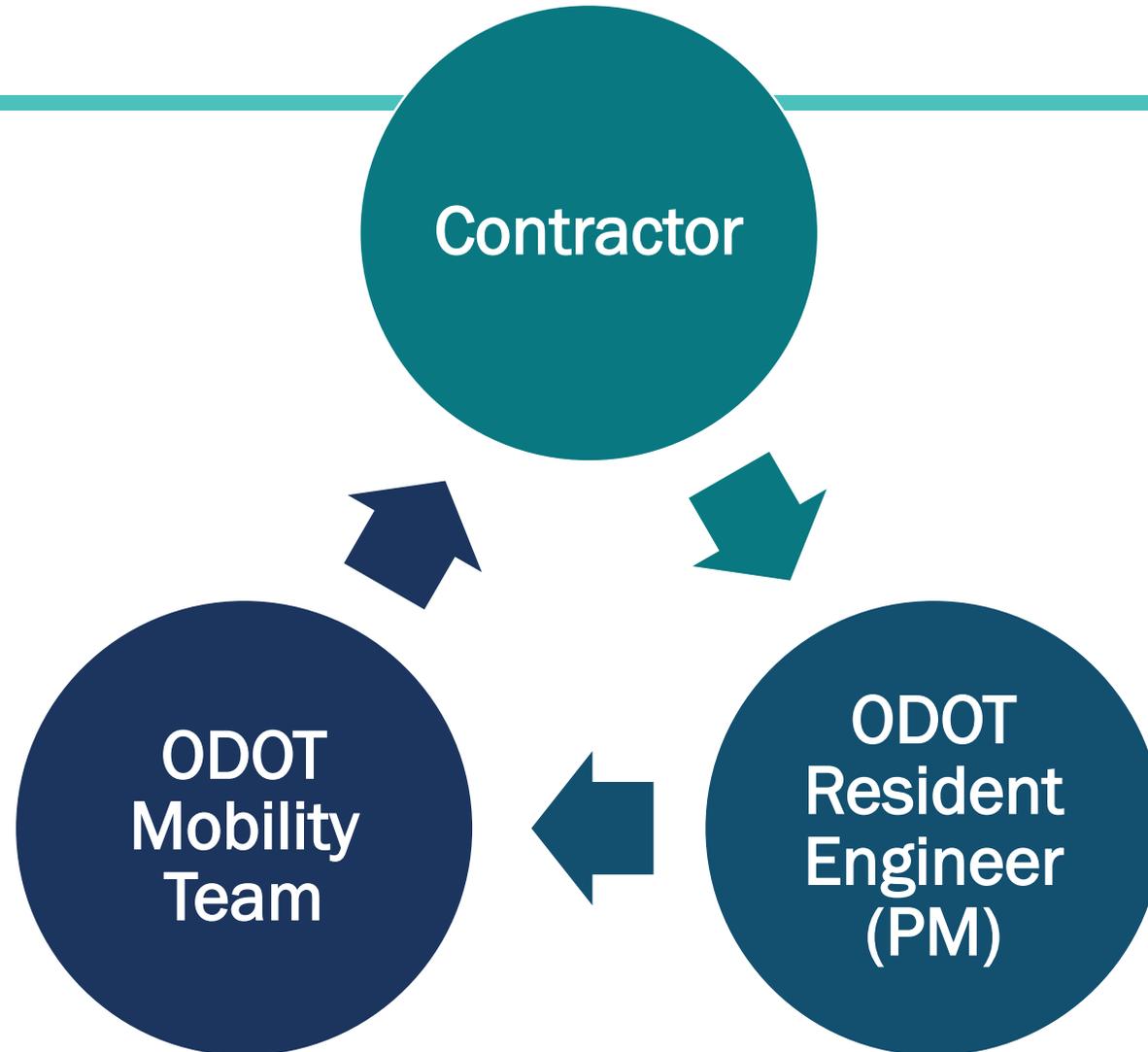
In 2016, **240 million tons of freight** moved within, to, & from Oregon via truck, rail, air, pipeline, and marine modes.

(Source: ODOT 2018 State of the System report)

In 2019, ODOT Issued:

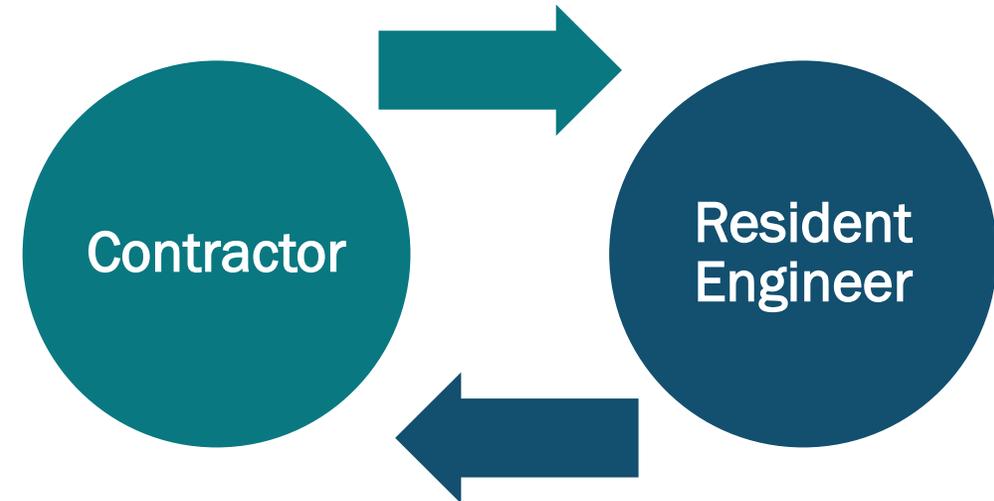
- **61,022 Annual over-dimension permits**
- **67,358 Single-Trip over-dimension permits**

2. Roles & Responsibilities



Coordinate Traffic Control Changes **BEFORE** Restriction Notices Are Submitted

- Review the Mobility Considerations Checklist & ODOT TMP included in the ODOT eBIDS Documents.
- RE is responsible for engaging the Region & Mobility Team *before* accepting proposed changes that differ from the overall mobility impacts & industry commitments in these documents.



Restriction Notices: Contractor Responsibility

Standard Specification 00220.03 (a)

When the Project restricts the width, length, height, or weight of vehicles through a work zone or detours trucks around a work zone, fill out and submit a completed copy of the "Highway Restriction Notice-Size and/or Weight" form (Form No. 734-2357), available from the ODOT Motor Carrier Transportation website, **at least 35 Calendar Days before the restriction or detour takes effect.**



Contractor

Restriction Notices: Resident Engineer Responsibility

Resident Engineer

- Reviews notices submitted by contractor to ensure information is complete and consistent with Mobility Considerations Checklist.
- Forwards Restriction Notice to Mobility Team **at least 14 or 28 days** prior to restriction taking effect (depending on restriction).
- Updates and lifts restrictions as appropriate.

14 vs 28 Day Notification

Why 14 days?

Single-Trip Over-Dimension Permits (STPs)

- Valid for one or more trips in a 10-day timeframe, and are issued up to 4 days in advance.
- They are route-specific, and carriers are not allowed to deviate.
- ODOT Over-Dimension Permit Analysts process a queue of STPs. 14 days are needed to “clear” the queue of permits affected by a restriction.

Why 28 days?

Annual Over-dimension Permit Holder Notification

- Annual permit holders are allowed unlimited trips. We generally do not know exactly when or where those trips will take place.
- ODOT needs enough time (28 days) to review the restriction and issue trucking advisories and notification letters.

Restriction Notices: Mobility Team Responsibility

- Reviews & approves restriction notices forwarded by Resident Engineer.
- Publishes restrictions and planned detours (e.g. TripCheck.com, Oregon.gov, Trucking Advisories, etc.)

**ODOT
Mobility
Team**



3. Notification Requirements & Best Practices



When Notification Is Required (Construction Projects)



Notification is required for any of these temporary conditions:

- Any time horizontal clearance is reduced to less than
 - 28 feet for two lanes of one-way traffic,
 - 28 feet for two lanes of 2-way traffic (single lane each way)
 - 22 feet for one lane of one-way traffic.
- Any time a state facility is fully closed or traffic is detoured for any period of time (regardless of whether or not a detour is available).
- Any time a ramp is closed for any period of time (regardless of whether or not a detour is available).
- Any time vertical clearance is reduced.
- Any time weight or length restrictions are imposed.

**Contractors may still be required to complete the Hwy Restriction Notice Form per contract specs, regardless of whether these conditions exist.*

Notification Exceptions (Construction Projects)

Notification may not be necessary if all of the following can be met :

1. Able to wave through unannounced wide loads & provide at least 22-feet of clear distance by moving cones/equipment out of the way with a slight delay.
2. No vertical clearance restrictions, including no lane shifts/lane closures beneath structures.
3. No ramp closures.
4. No weight restrictions.
5. No length restrictions.

**Contractors may still be required to complete the Hwy Restriction Notice Form per contract specs, regardless of whether these conditions are met.*

**Check with the Mobility Team for accommodating on mainline interstate hways.*

Managing Restriction Notices



Best Practices

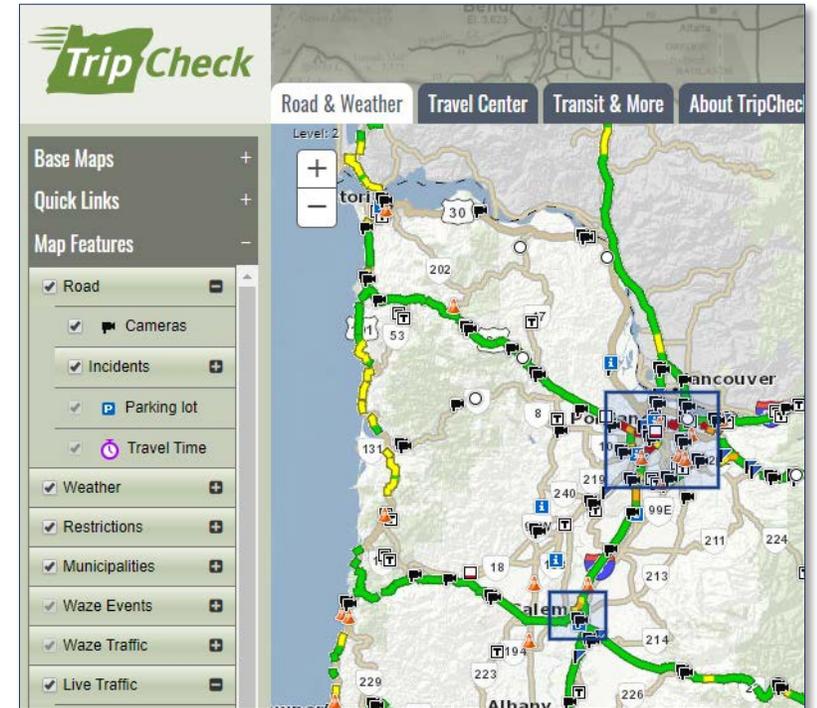
- **Be as specific as possible when entering dates & durations.** Avoid submitting “blanket” restrictions that will restrict routes when work isn’t actually taking place.
- **For ramps:** indicate as many that can reasonably be completed within a reasonable amount of time (*work with the Mobility Team to determine*).
- **For multi-lane highways, when work is not concurrent:** send separate notifications for each direction of travel, and stages/phases with different size restrictions or hours.

Best Practices

Managing Restriction Notices

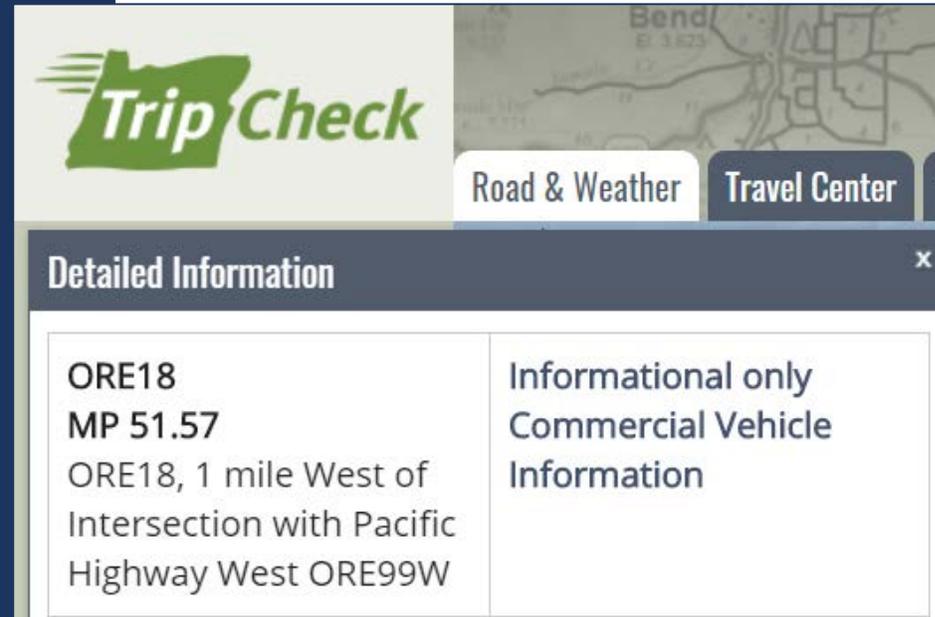
- Coordinate with RE to keep restriction notices updated.

If work is delayed and the restriction is not updated, **the route will still appear to the public as restricted or closed.**



Best Practices

Managing Restriction Notices



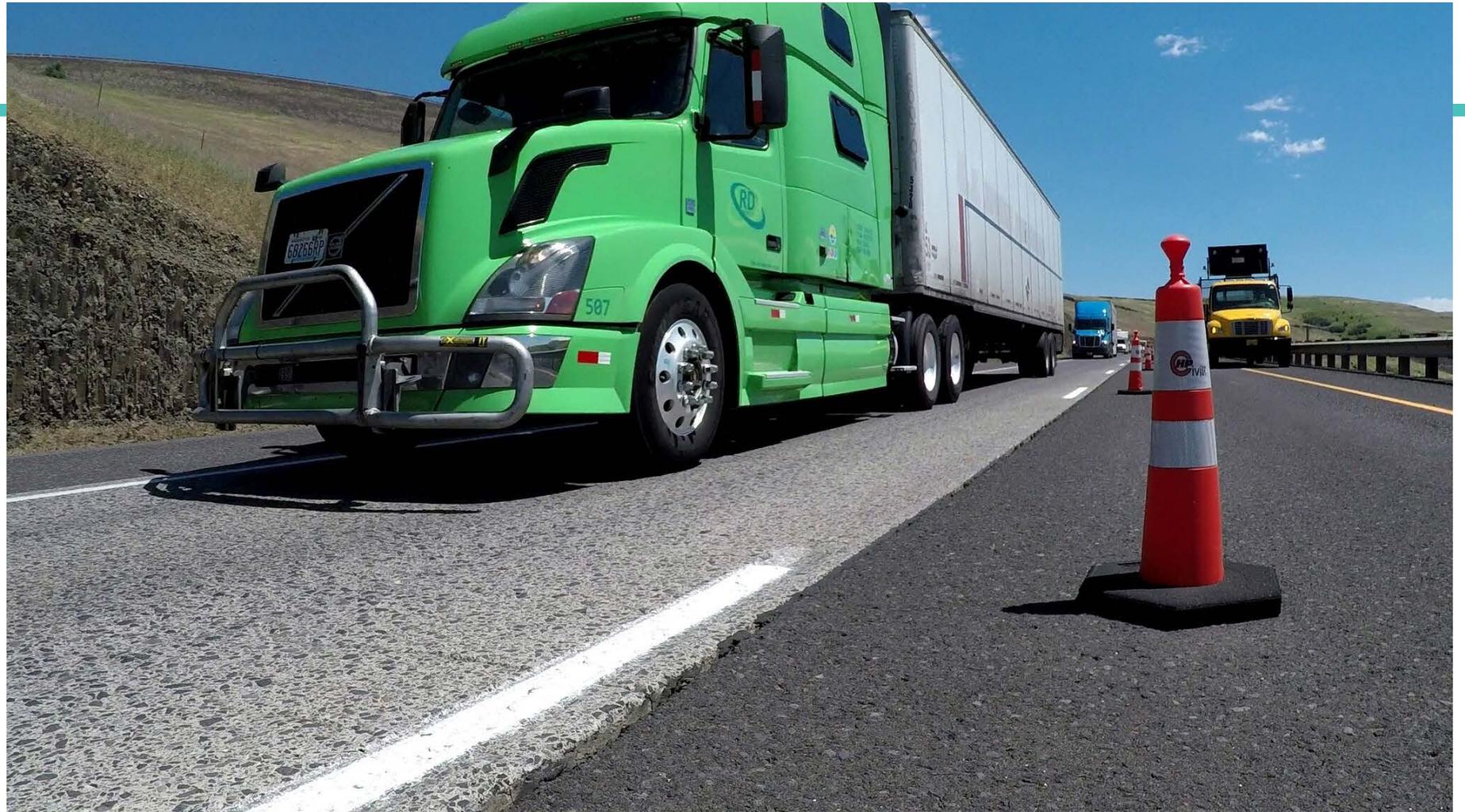
The screenshot shows the TripCheck website interface. At the top, there is a navigation bar with the TripCheck logo and tabs for "Road & Weather" and "Travel Center". Below the navigation bar is a "Detailed Information" window. The window displays the following information:

ORE18 MP 51.57 ORE18, 1 mile West of Intersection with Pacific Highway West ORE99W	Informational only Commercial Vehicle Information
------------------------------------------------------------------------------------------------	---------------------------------------------------------

- Coordinate with the RE to lift restrictions as soon as the work associated with them is complete.

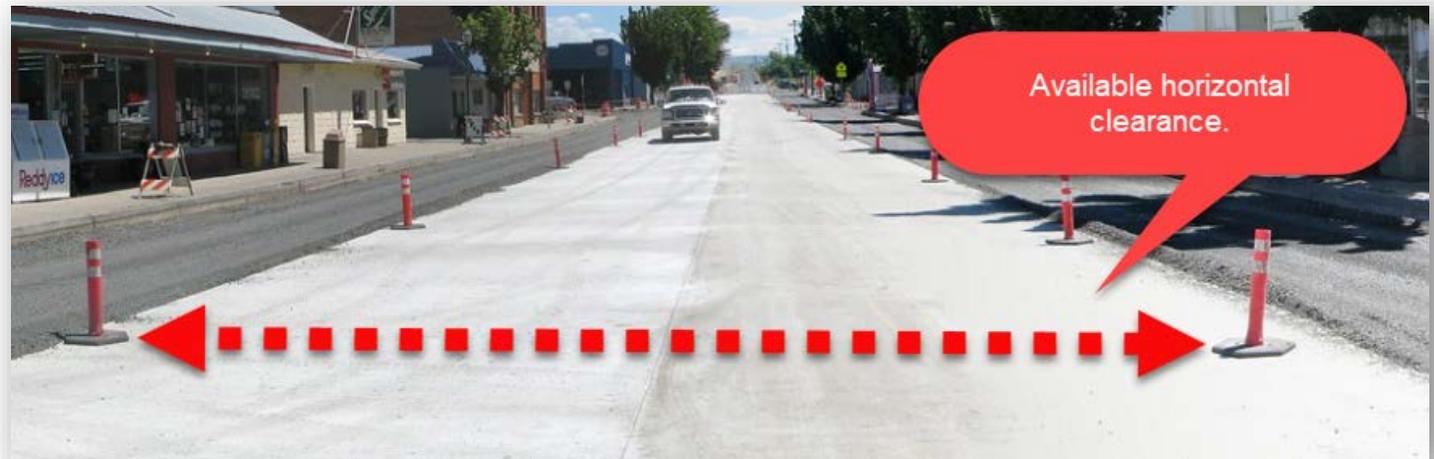
A restriction will remain published until it is lifted.

4. Restriction Considerations



Width Restrictions

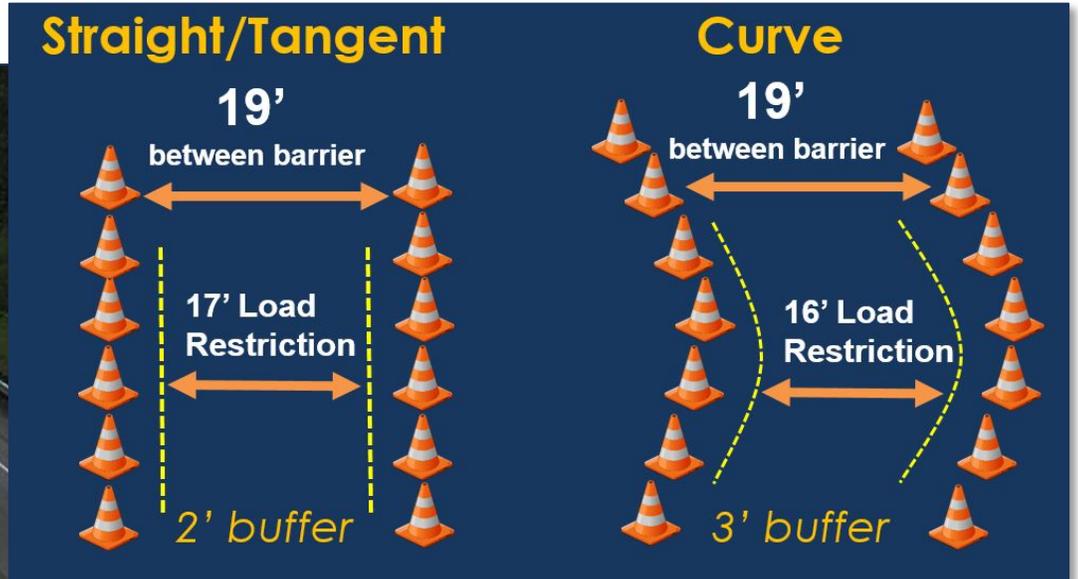
Horizontal clearance refers to the paved unobstructed width between barriers (soft or hard barrier, or equipment) including any usable shoulder.



Horizontal Clearance & Load Restrictions

The Mobility Team applies a buffer to the available horizontal width to determine the load restriction through the work zone:

Width Restrictions



The buffer space depends on if the work zone is on a tangent and/or curve.

Any temporary reduction in VC requires notification/coordination with the Mobility Team.

Height Restrictions



Examples include temporary bridge falsework, temporary traffic signals, & diverting traffic into lanes with less VC.

Temporary Weight Restrictions

Temporary Weight Restrictions

Example: Some bridges require heavy loads to straddle the center line. If bridge work requires a lane closure and heavy loads cannot straddle the center, a temporary weight restriction may be needed until the lane is reopened.



Full Closures

Full road closures and ramp closures require notification and coordination with the Mobility Team.

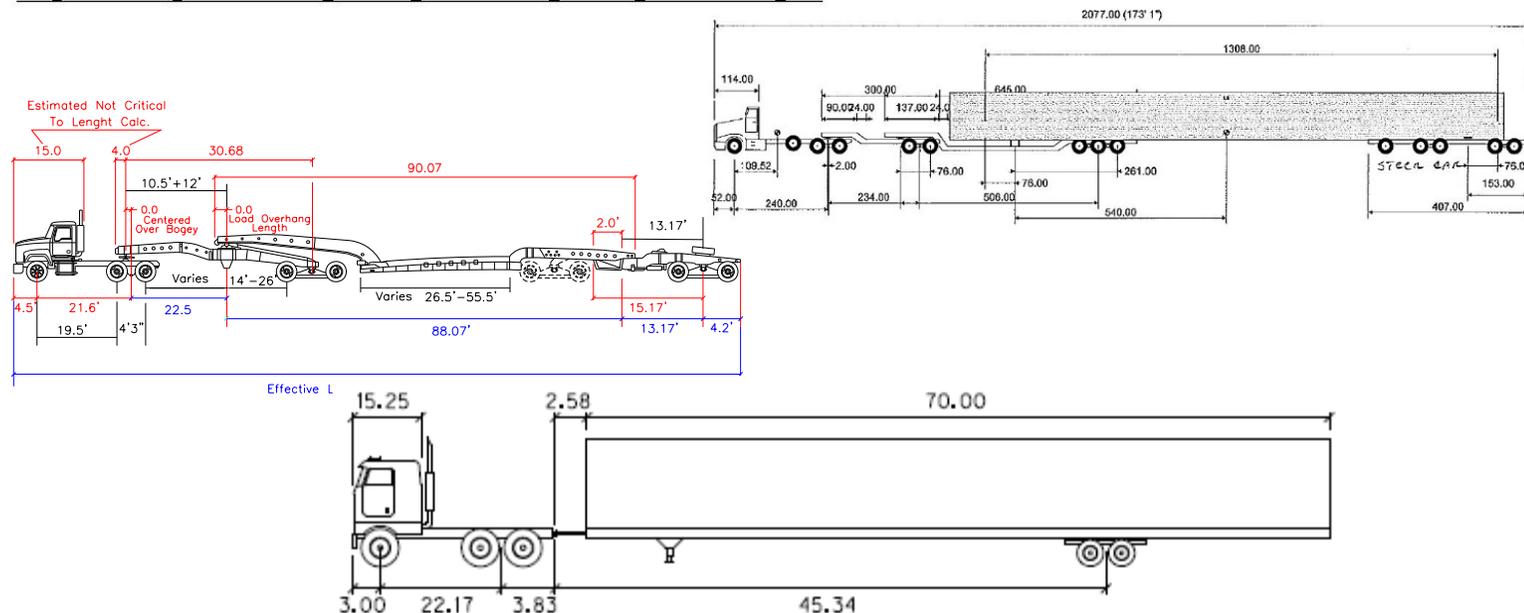
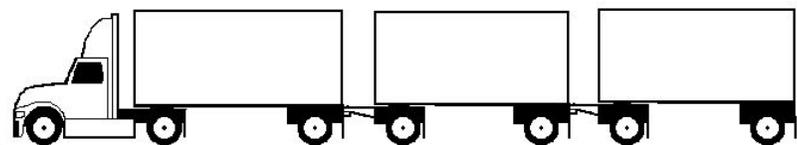


Closures impact the full spectrum of vehicles that use the route.

Curves In Excess of 5-Degrees Can Result in a Length Restriction

- Engage the Mobility Team EARLY if you believe your project will require a length restriction.
- There are many different vehicle configurations to consider, when planning for a length restriction..

Length Restrictions



Detours

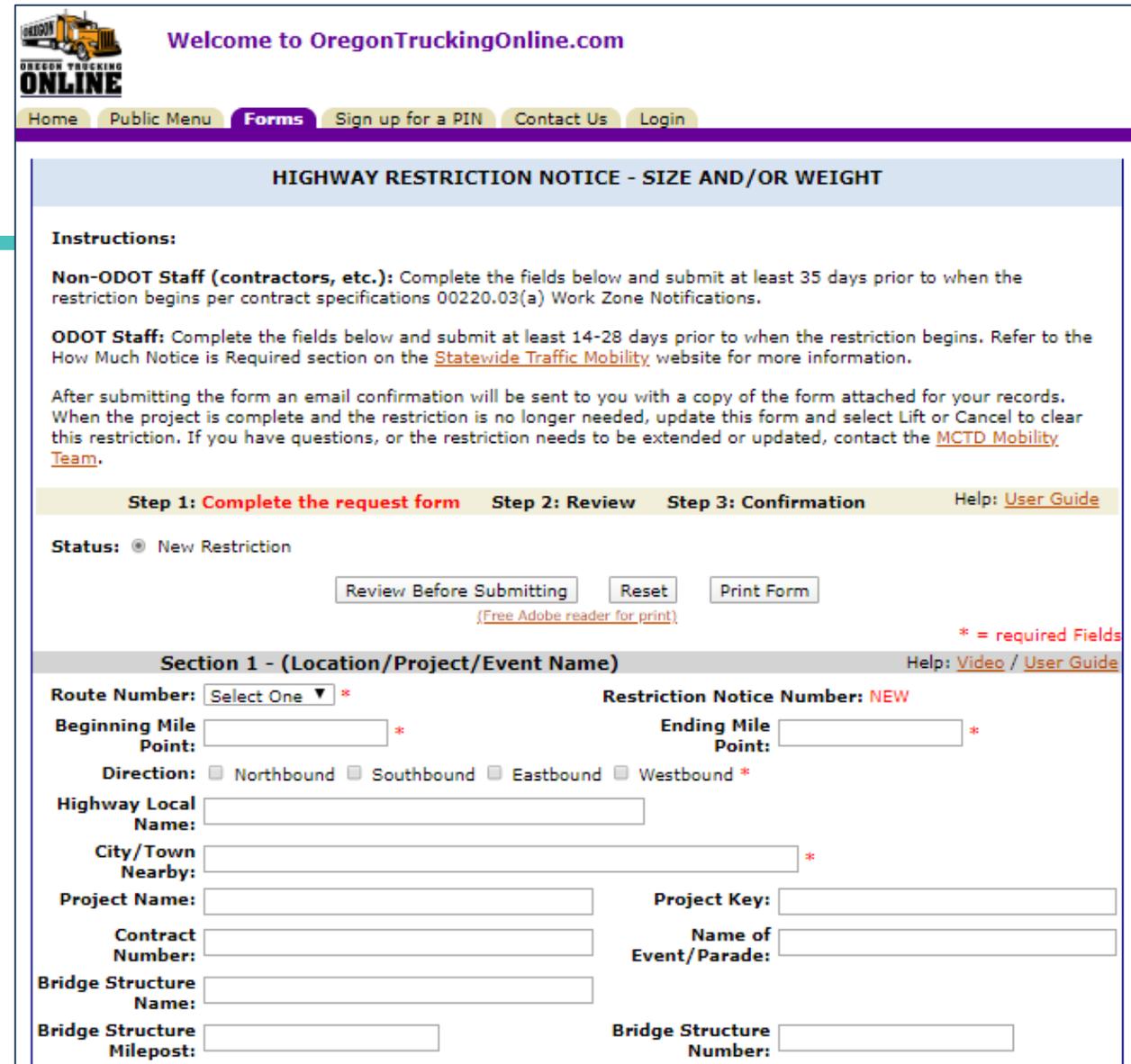
Detour planning: Take into account & provide for all traffic allowed to use the route, including freight and over-dimension units.

Issues to Check:

- ✓ Size & weight restrictions.
- ✓ Overhead obstructions
- ✓ Safe turning movements & off tracking.
- ✓ Emergency services response times.
- ✓ Can hazardous material loads use the route?
- ✓ Are there other projects on the proposed detour that will restrict traffic?
- ✓ Are other projects using the existing route as a detour?



5. Highway Restriction Form Walk-Through



WELCOME TO OREGONTRUCKINGONLINE.COM

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HIGHWAY RESTRICTION NOTICE - SIZE AND/OR WEIGHT

Instructions:

Non-ODOT Staff (contractors, etc.): Complete the fields below and submit at least 35 days prior to when the restriction begins per contract specifications 00220.03(a) Work Zone Notifications.

ODOT Staff: Complete the fields below and submit at least 14-28 days prior to when the restriction begins. Refer to the How Much Notice is Required section on the [Statewide Traffic Mobility](#) website for more information.

After submitting the form an email confirmation will be sent to you with a copy of the form attached for your records. When the project is complete and the restriction is no longer needed, update this form and select Lift or Cancel to clear this restriction. If you have questions, or the restriction needs to be extended or updated, contact the [MCTD Mobility Team](#).

Step 1: Complete the request form Step 2: Review Step 3: Confirmation Help: [User Guide](#)

Status: New Restriction

(Free Adobe reader for print)

Section 1 - (Location/Project/Event Name) Help: [Video](#) / [User Guide](#)

Route Number: * **Restriction Notice Number:** NEW

Beginning Mile Point: * **Ending Mile Point:** *

Direction: Northbound Southbound Eastbound Westbound *

Highway Local Name:

City/Town Nearby: *

Project Name: **Project Key:**

Contract Number: **Name of Event/Parade:**

Bridge Structure Name:

Bridge Structure Milepost: **Bridge Structure Number:**

* = required Fields

THANK YOU!

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Please provide us your feedback about this training:
<https://www.surveymonkey.com/r/MobilityTrainingFeedback>