

Bridge Maintenance Workshop

Linn County Fairgrounds & Expo, Albany, Oregon, April 11, 2023

Ray Bottenberg, State Bridge Engineer

Oregon Department of Transportation



Welcome!

- Perspective – Why are We Here?
 - Cooperation & Collaboration
 - Share Skills & Knowledge – Two-Way Learning
 - Your Safety
 - Public Safety
 - All Bridges are Important
 - Expectations regardless of ownership
 - Stewardship
 - Funds are Scarce
 - Expectations regardless of ownership



Your Work is Important!



- Keeps the public safe.
- Stretches scarce public funds.
- Keeps your bridge inventory manageable.
 - Small % “Poor” condition bridges is much easier to manage
- The public relies on all of us, Cities, Counties & State to do these things.
- Headline “Oregon has 345 bridges in poor condition” – it’s on all of us to perform.



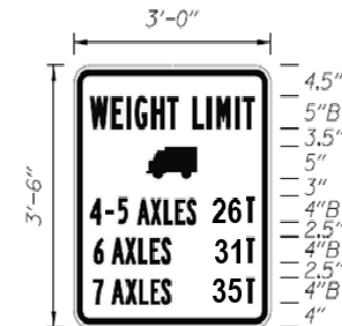
Load Posting

Good maintenance helps keep bridges from being posted.

Good maintenance can reduce the impact of a bridge posting.

Your work can sometimes remove or improve postings.

Weight Limit Signs from ODOT Sign Policy and Guidelines,
Chapter 3, page 3-112



Sign No. OR12-5g

Timber Bridges

Maintenance is a major issue with timber bridges.

They require lots of substructure Work.

Maintenance is important to stretch their useful life as long as feasible. We can't afford to replace them all at once.



SALT CREEK (ASH SWALE) - BR# 05041 - HWY 153 - MP: 5.88

LEFT SIDE ELEVATION - FROM NORTHWEST

Scour Requirements are Changing

Scour Critical Bridges to be inspected on 12 month interval.

- Up to 3272 bridges may be scour critical.
- Inspection interval was 24 months.
- Scour repairs are important.





Thank You for What You Do!

Being There 24/7 to Care For Oregonians' Bridges



A worker in a red safety suit is standing on a blue lift platform, working on a steel bridge structure. The background is a dense forest of green trees. The image has a blue tint.

Thank You for What You Do!

Further questions?

Contact Ray Bottenberg at Raymond.d.bottenberg@odot.oregon.gov