



Guided by the Traffic Safety Commission 1996-2025

Joseph F. Marek, PE, PTOE, Traffic Safety Program Manager Clackamas County, Oregon

April 2, 2025

What is most important?

EVERYONE

CLACKAMAS

соимту

arrives home safely to their family after using the shared space called the **TRANSPORTATION** SYSTEM!



History of Joe

- Began work at County in 1991
- TSC Liaison role started in April 1996 shortly after the floods
- Let's flashback to the Alliance for Community Traffic Safety Conference in 2002!
- Let's compare with 2025!



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Downtown Oregon City during the 1996 flood. (The Oregonian) Willamette Flood of 1996

Photo credit: Oregon Live



2002 vs 2025

SO - WHAT HAVE WE BEEN UP TO?

- Radar trailer grant - 1995
- 3,000 hours in field

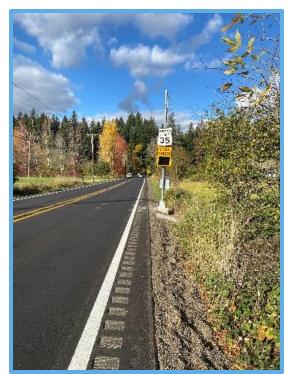
ransportation

Real Life Traffic Safety



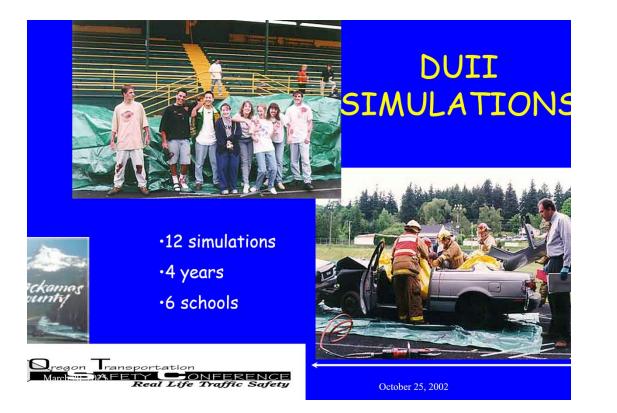
October 25, 2002

- 8 temporary radar feedback signs deployed 24/7
- 17 Permanent radar feedback signs operating 24/7
- Speed bumps
- Roundabouts
- Reduced speeds





School Outreach – 2002 vs 2025



- Health 2 Classes at 4-5
 schools per semester
 - DUI, Speeding, cultural norms

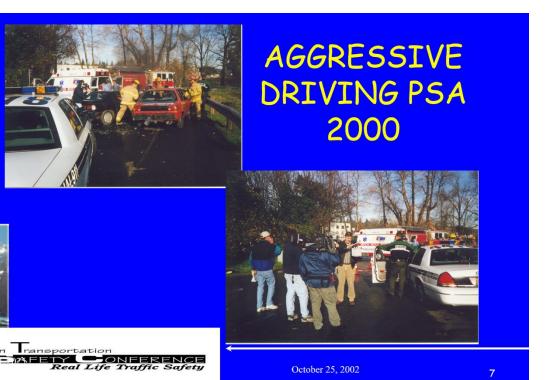
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- Kevin Brooks presentations
 - Safety mental health





Public Service Announcements



- Cell phone Chill Campaign
- Cannabis driving WSTSC
- New campaign attentive driving
- Plan ahead campaign WSTSC

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Safety Corridors – then vs now

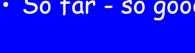


SAFETY CORRIDORS

- High crash corridors
 3-E's
 - So far so good

October 25, 2002

gon Transportation Real Life Traffic Safety



- Every corridor is a Safety Corridor
- Systemic treatments for entire roads
 - Curve warning signs
 - Intersection warning signs
 - Reduced speeds
 - More All-Way Stops



Outreach





 Beyond fair – mobile Safety Street for use



HOW DO YOU GET ALL THAT DONE?

- Great members
- Strong Chair
- BCC support
- Management support
- Charged staff

Real Life Traffic Safety

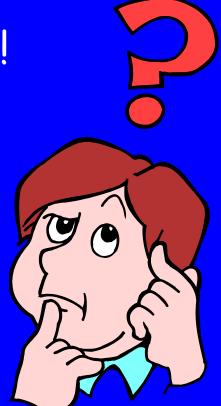
- Open forums
- Strong chair
- Diplomatic chair
- Work program
- Annual goals
- Active recruitment
- A budget
- Saving lives



regon Iransportation

TSC MEMBER PERSPECTIVE

- I wish that County traffic engineer would get to work!!
- BCC recognition/ respect
- Taken seriously by staff
- Annual report good recap







CONCLUSIONS

- It's about saving lives!!!
- Go forth recruit good people
- Be positive
- Build broad support
- Have fun
- Teambuilding, diplomacy



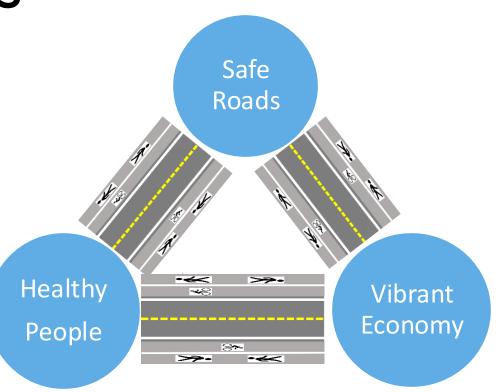


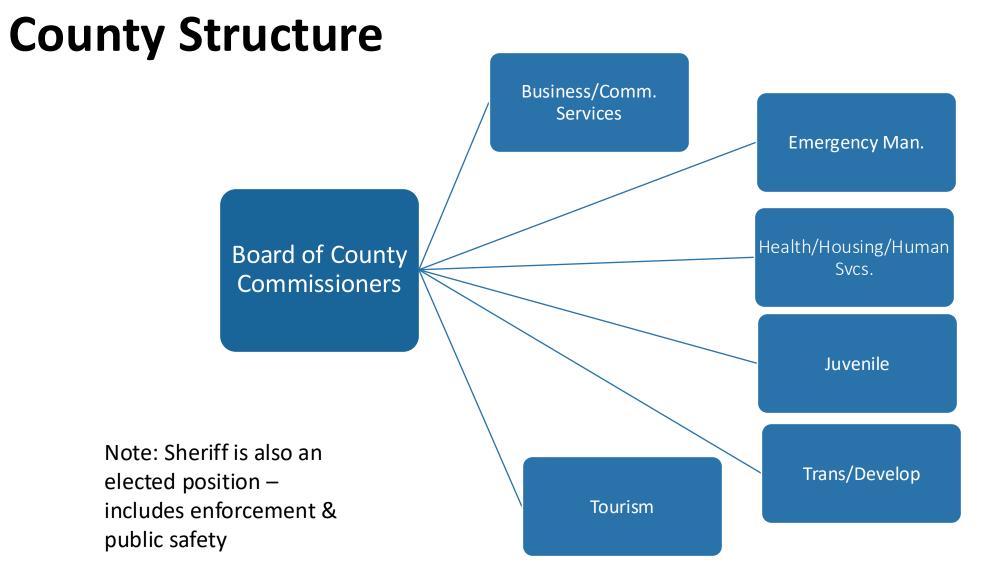
Clackamas County Strategic Priorities

- Build public trust through good government
- Grow a vibrant economy
- Build a strong infrastructure
- Ensure safe, healthy and secure communities

соимту

 Honor, utilize, promote and invest in our natural resources







Evolution of Safety Terms

Public Roads - May/June 2013

Date: May/June 2013 Issue No: Vol. 76 No. 6 Publication Number: FHWA-HRT-13-004

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A Holistic Approach to Roadway Safety



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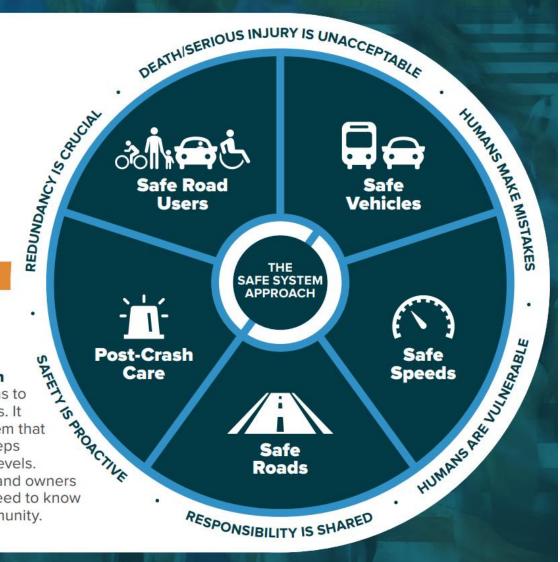


SAFE SYSTEM

APPROACH

Zero is our goal. A Safe System is how we will get there.

Imagine a world where nobody has to die from vehicle crashes. The Safe System approach aims to eliminate fatal & serious injuries for all road users. It does so through a holistic view of the road system that first anticipates human mistakes and second keeps impact energy on the human body at tolerable levels. Safety is an ethical imperative of the designers and owners of the transportation system. Here's what you need to know to bring the Safe System approach to your community.





SAFE SYSTEM PRINCIPLES

0

Death/Serious Injury is Unacceptable

While no crashes are desirable, the Safe System approach prioritizes crashes that result in death and serious injuries, since no one should experience either when using the transportation system.

Humans Make Mistakes

People will inevitably make mistakes that can lead to crashes, but the transportation system can be designed and operated to accommodate human mistakes and injury tolerances and avoid death and serious injuries.

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Humans Are Vulnerable

People have limits for tolerating crash forces before death and serious injury occurs; therefore, it is critical to design and operate a transportation system that is human-centric and accommodates human vulnerabilities.



Redundancy is Crucial

Reducing risks requires that all parts of the transportation system are strengthened, so that if one part fails, the other parts still protect people.

Responsibility is Shared

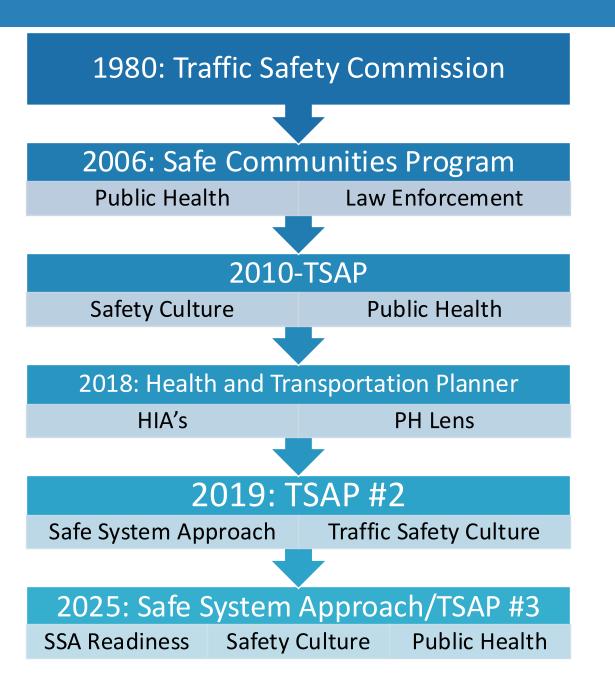
All stakeholders (transportation system users and managers, vehicle manufacturers, etc.) must ensure that crashes don't lead to fatal or serious injuries.

Safety is Proactive

Proactive tools should be used to identify and mitigate latent risks in the transportation system, rather than waiting for crashes to occur and reacting afterwards.

Long Process

DOT grants for Safe Communities and TSAP work







Things to do TODAY

Safe vehicles

Motor Carrier Safety

- Commercial vehicle
 inspections
- Coordination with regional law enforcement





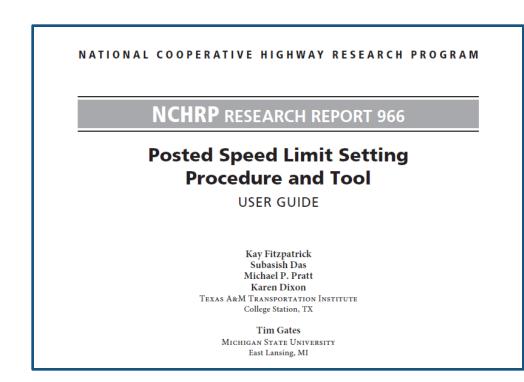


Things to do TODAY

Safe speeds

Reviewing roadway speeds

- Move away from 85th percentile speed
- Use context in decision making
- Speed zone laws based on research of NCHRP Report 966 (thanks Oregon DOT)
- County took over Speed Zoning Authority in 2024



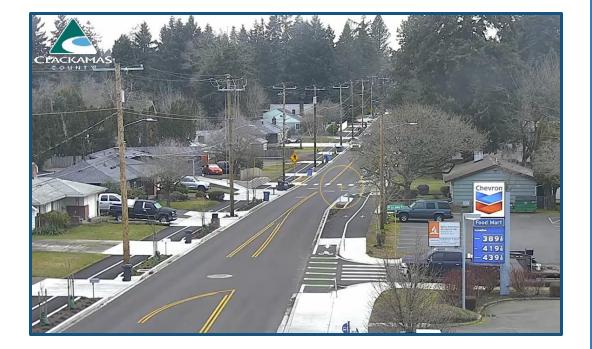




Things to do Today

Safe roads

- Lead with Safety
- Advocate for a Safety budget
- Diplomatic persistence to always look at safety
- Maintenance = Safety
- Low cost projects
 - Curve warning signs
 - FHWA safety countermeasures
 - Pavement markings



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Shared Public Health & Transportation Role



Position approved in 2018 - New staff hired 2019

Road Fund pays 50% of position salary



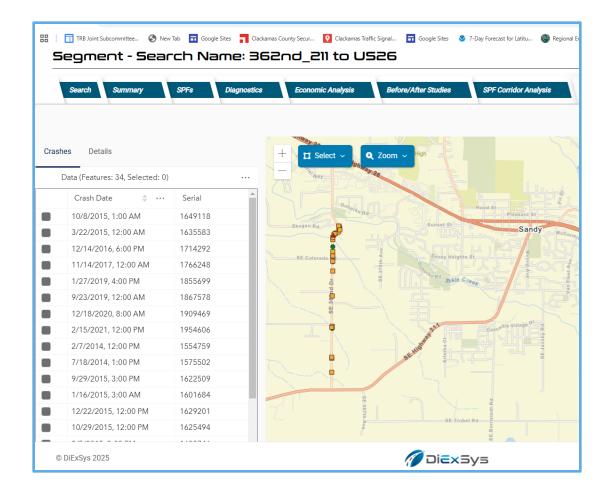




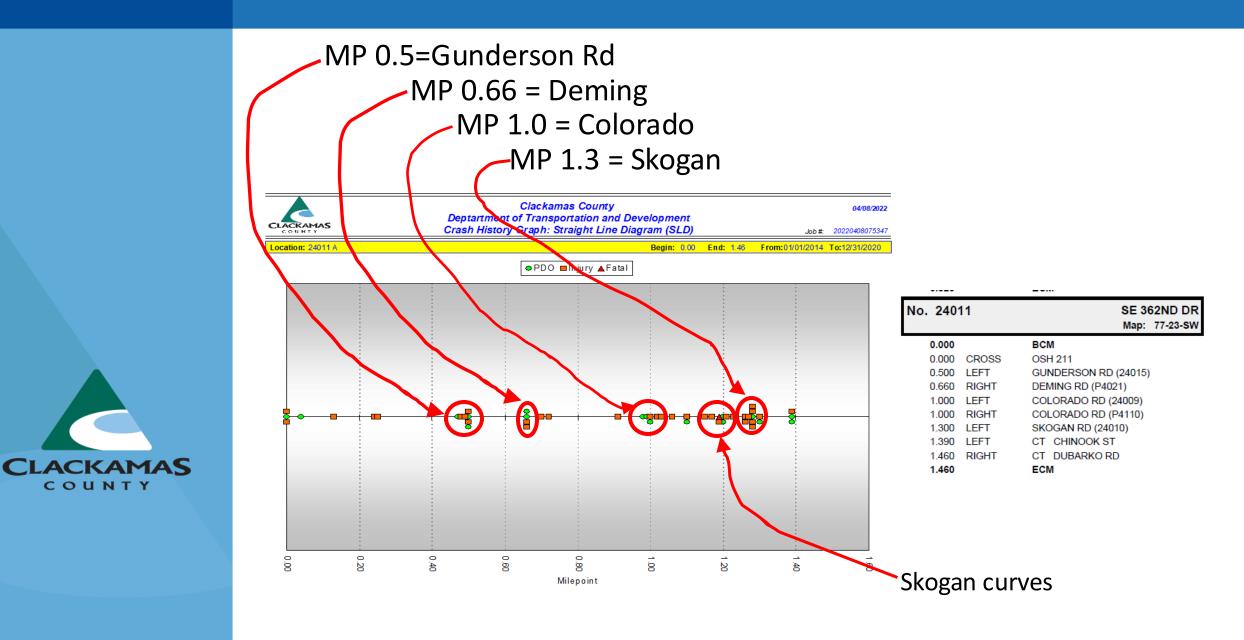
Approval from both PH and Transportation

Lead with Safety!

- First roadway where we did a deep data dive using Vision Zero Suite traffic safety software
- Opportunity to identify areas with potential for crash reduction
- Using statistically robust Safety Performance Functions (SPF)

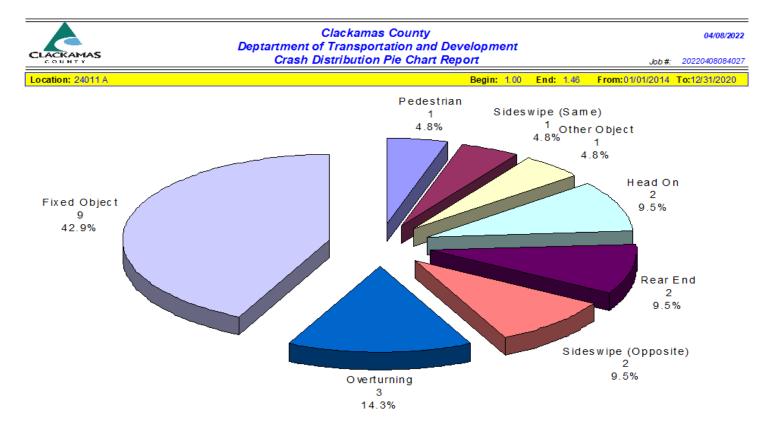






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MP 1-1.46 – non intersection

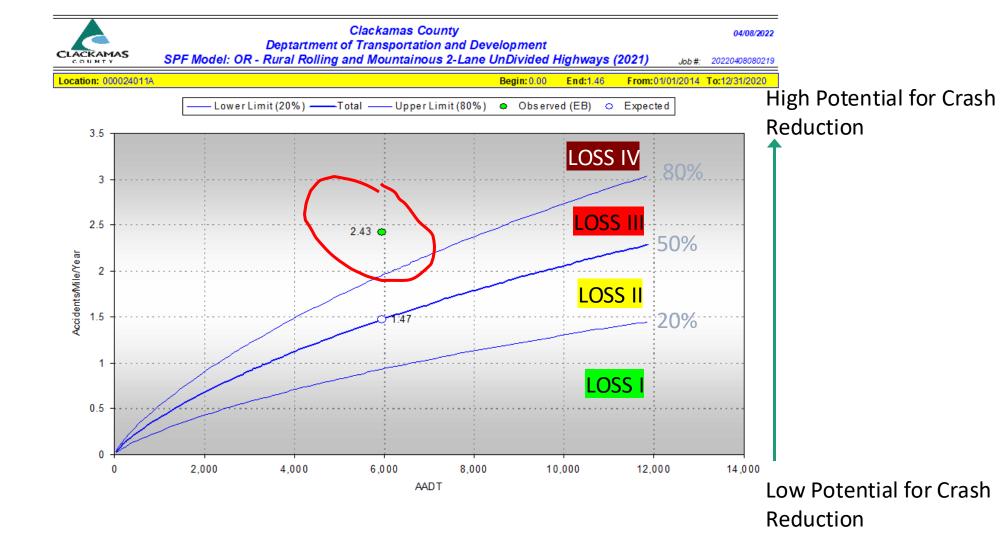


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Level-of-Service of Safety – All Crashes



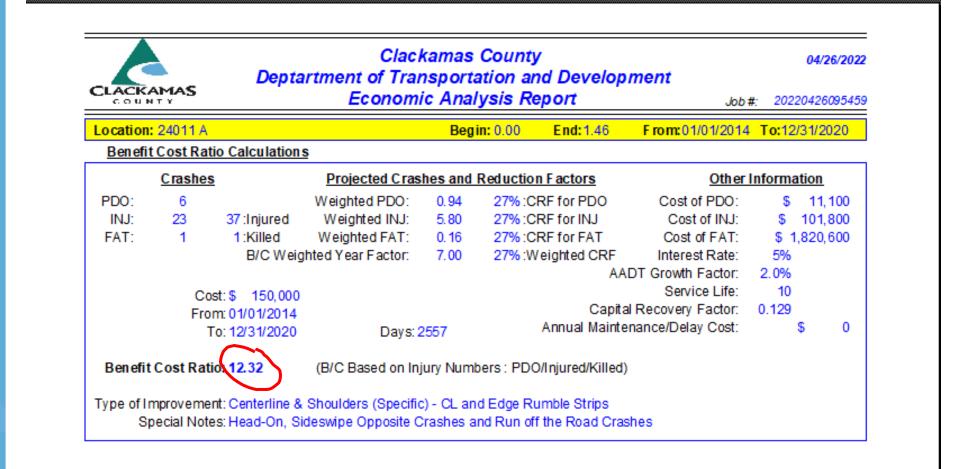
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СОИМТҮ

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MP 0-1.4 – add Edge & center rumble strips



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COUNTY

Conclusions

- Safety has advanced considerably in 34 years
- Cultural norms and other factors influence tolerance of risk
- Hard to change
- Big road system not big piggy bank!
- Safety versus convenience

What is most important?

EVERYONE

arrives home safely to their family after using the shared space called the **TRANSPORTATION**

SYSTEM!



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Thank You for all that you do!

Joseph Marek JoeMar@clackamas.us



